

SONY®

DIGITAL VIDEOCASSETTE RECORDER

DSR-1

DSR-1P

SERVICE MANUAL

Volume 2 1st Edition (Revised 1)



警告

このマニュアルは、サービス専用です。

お客様が、このマニュアルに記載された設置や保守、点検、修理などを行うと感電や火災、人身事故につながる可能性があります。

危険をさけるため、サービストレーニングを受けた技術者のみご使用ください。

WARNING

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

AVERTISSEMENT

Ce manuel est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.

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このマニュアルについて

本書の目的

本書は、デジタルビデオカセットレコーダDSR-1のサービスマニュアルVolume 2 です。

本書では、半導体リスト、パーツリスト、ブロックダイアグラム、マウント図、回路図を記載しています。

関連マニュアル

本機には、この「サービスマニュアルVolume 2」のほかに、下記のマニュアルが用意されています。

- **取扱説明書**

DSR-1 (DSR-1 に付属しています)

部品番号：3-858-431-03

- **サービスマニュアル Volume 1 (本機に付属していません)**

本機の保守に関する情報と、部品交換および調整などのサービス情報を記載しています。

部品番号：9-977-674-12

- **“Semiconductor Pin Assignments” CD-ROM 版 (別途用意)**

この“Semiconductor Pin Assignments” CD-ROM 版は、コミュニケーションシステムソリューションネットワークカンパニーの機器に使用されている半導体を検索することができます。

このCD-ROMで検索できない半導体は、その半導体が使用されている機種のサービスマニュアルに記載されています。サービスマニュアルには、その機種に使用されているすべての半導体一覧とそのID番号を記載していますので、このCD-ROM版と合わせて使用してください。

部品番号：9-968-546-XX

構成

本書の構成を把握していただくために、全章の概略を以下に説明します。

Section 13 Spare Parts and Optional Fixtures

セットの全サービス部品を記載しています。

Section 14 Semiconductor Pin Assignments

使用半導体の外形およびICについては概略の機能ブロックや、ピン名称を記載しています。

Section 15 Block Diagrams

各基板の機能や信号の流れを示すブロック図を記載しています。

Section 16 Schematic Diagrams

全プリント基板の回路図を記載しています。

Section 17 Board Layouts

全プリント基板のパターンとシンボル図を記載しています。

Manual Structure

Purpose of this manual

This manual is the Service Manual Volume 2 for the digital videocassette recorder DSR-1/1P.

This manual contains the semiconductor pin assignments, parts lists, block diagrams, board layouts and schematic diagrams.

Related manuals

In addition to this Service Manual Volume 2, the following manuals are provided.

- **Operation Instructions**

DSR-1/1P (Supplied with equipment)

Part number: 3-858-431-13 (English; for UC, CE)

3-858-431-23 (French; for UC, CE)

3-858-431-33 (German; for CE)

3-858-431-43 (Italian; for CE)

- **Servive Manual Volume 1 (Not Supplied with equipment)**

Contains the maintenance information of this equipment, and servicing information necessary for parts replacement and adjustments.

Part number: 9-977-675-12

- **“Semiconductor Pin Assignments” CD-ROM (Available on request)**

This “Semiconductor Pin Assignments” CD-ROM allows you to search for semiconductors used in Communication System Solutions Network Company equipment.

Semiconductors that cannot be searched for on this CD-ROM are listed in the service manual for the corresponding unit. The service manual contains a complete list of all semiconductors and their ID Nos., and thus should be used together with the CD-ROM.

Part number: 9-968-546-XX

Contents

The following is a summary of all the sections for understanding the contents of this manual.

Section 13 Spare Parts and Optional Fixtures

Describes the all service parts of the unit.

Section 14 Semiconductor Pin Assignments

Shows the external dimensions of the semiconductors used, and describes outlines of the function blocks and pin names of the ICs.

Section 15 Block Diagrams

Illustrates the block diagrams which show each board function and signal flow.

Section 16 Schematic diagrams

Shows the schematic diagrams of all circuit boards.

Section 17 Board Layouts

Shows the board layouts of all circuit boards.



Section 13

Spare Parts and Optional Fixtures

13-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked △ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.

Parts list has the present standardized repair parts.

3. Stock of Parts

Parts marked with “o” at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

4. Harness

Harnesses with no part number are not registered as spare parts.

In need of repair, get components shown in the list and repair using them.

13-1. 補修部品注意事項

1. 安全重要部品

△警告

△印のついた部品は安全性を維持するために重要な部品です。したがって、交換する時は必ず指定の部品を使ってください。

2. 部品の共通化

ソニーから供給する補修用部品は、セットに使われているものと異なることがあります。

これは部品の共通化、改良等によるものです。

部品表には現時点での共通化された補修用部品が記載されています。

3. 部品の在庫

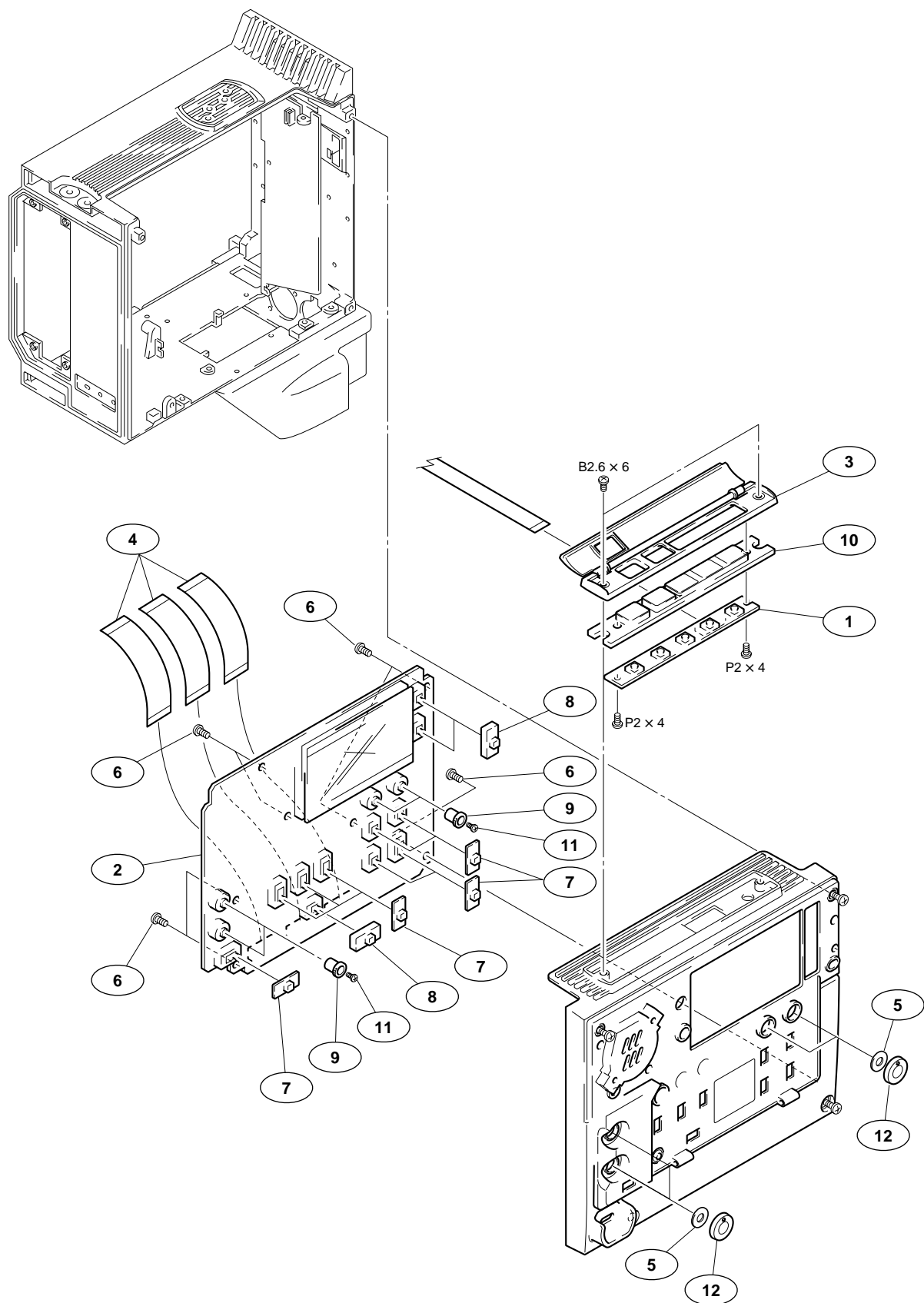
部品表のSP (Supply code) 欄に “o” で示される部品は在庫していないことがあり、納期が長くなることがあります。

4. ハーネス

部品番号が記載されていないハーネスは、サービス部品として登録されていません。

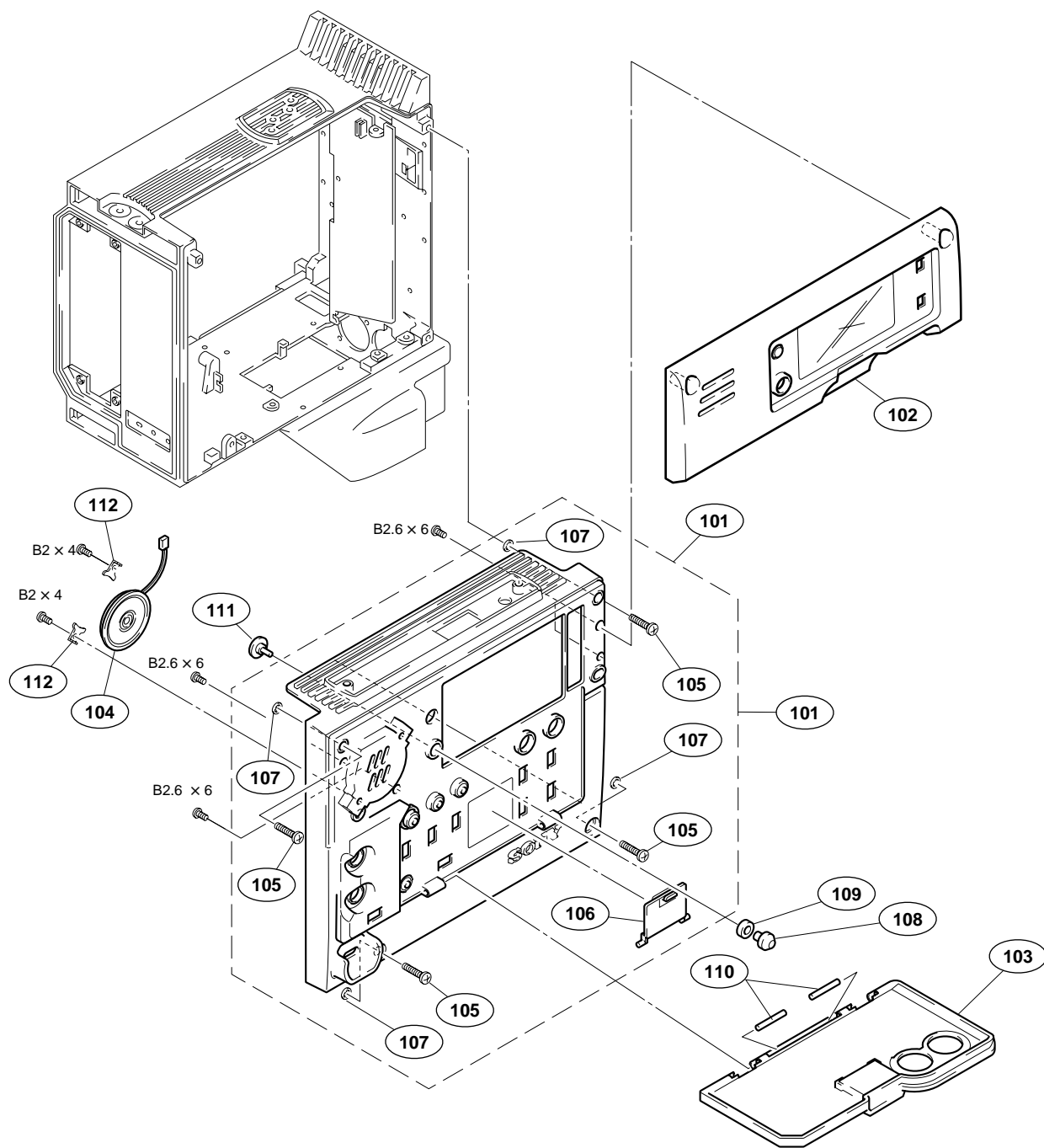
これらは、リストに展開されているコンポーネント部品で補修してください。

13-2. Exploded Views



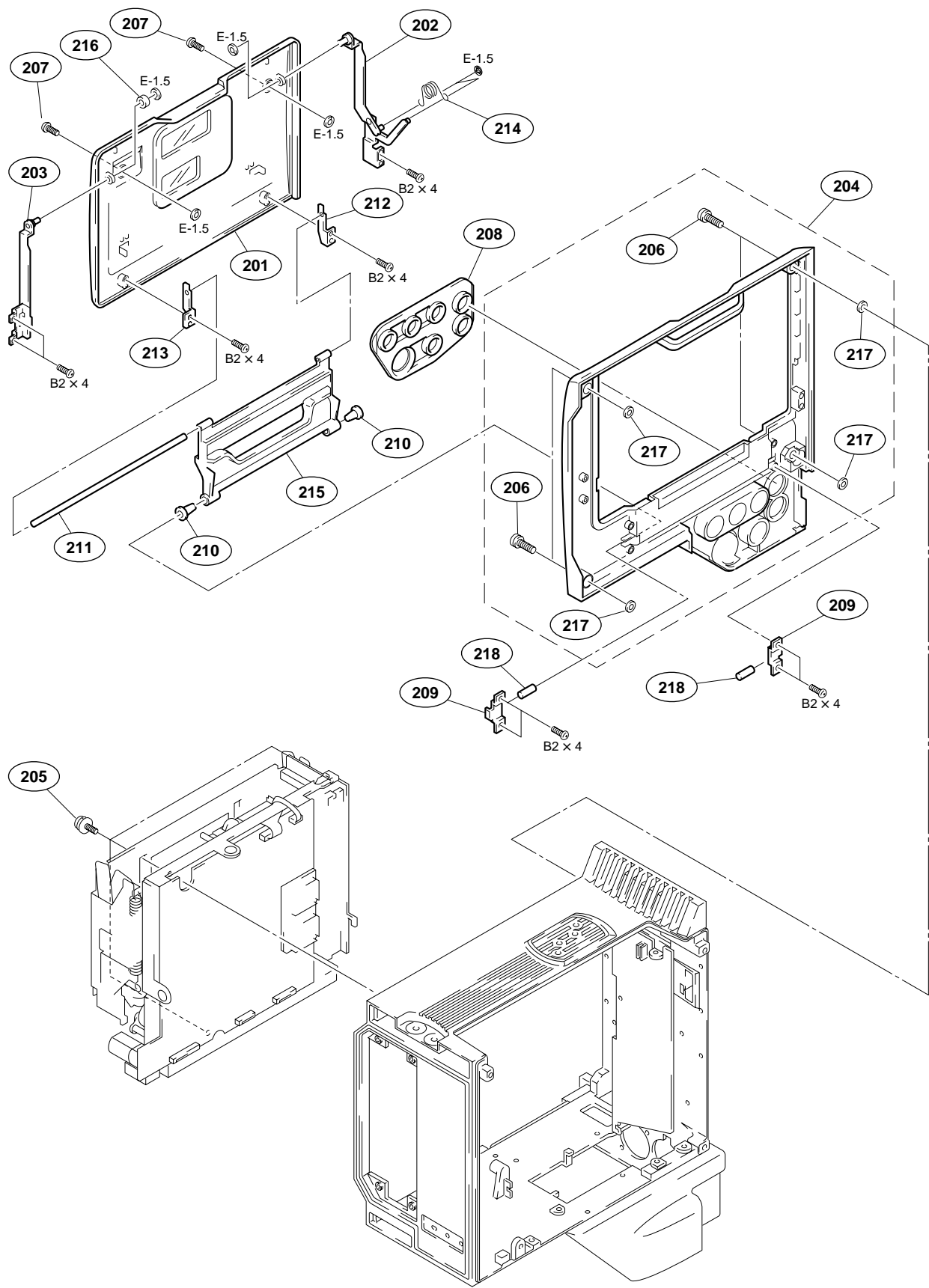
No.	Part No.	SP Description
1	A-8277-840-A	o MOUNTED CIRCUIT BOARD, KY-370
2	A-8277-849-A	o MOUNTED CIRCUIT BOARD, FP-81
3	X-3678-057-3	o SUB ASSY,KEY PANEL
4	1-777-865-13	s CABLE, FLEXIBLE FLAT(40CORE)
5	3-176-488-01	s SHEET, VR
6	3-625-924-01	s ALOCK SCREW +B2.6 NI
7	3-604-357-01	o KNOB(L),SW
8	3-604-358-01	o KNOB(H),SW
9	3-605-437-02	o SUPPORT,KNOB
10	3-679-501-01	o COVER,RUBBER KEY BOARD
11	3-704-244-41	s SCREW(P1.7X3.0)
12	3-724-755-04	s KNOB(F), VR

Right panel block (2)



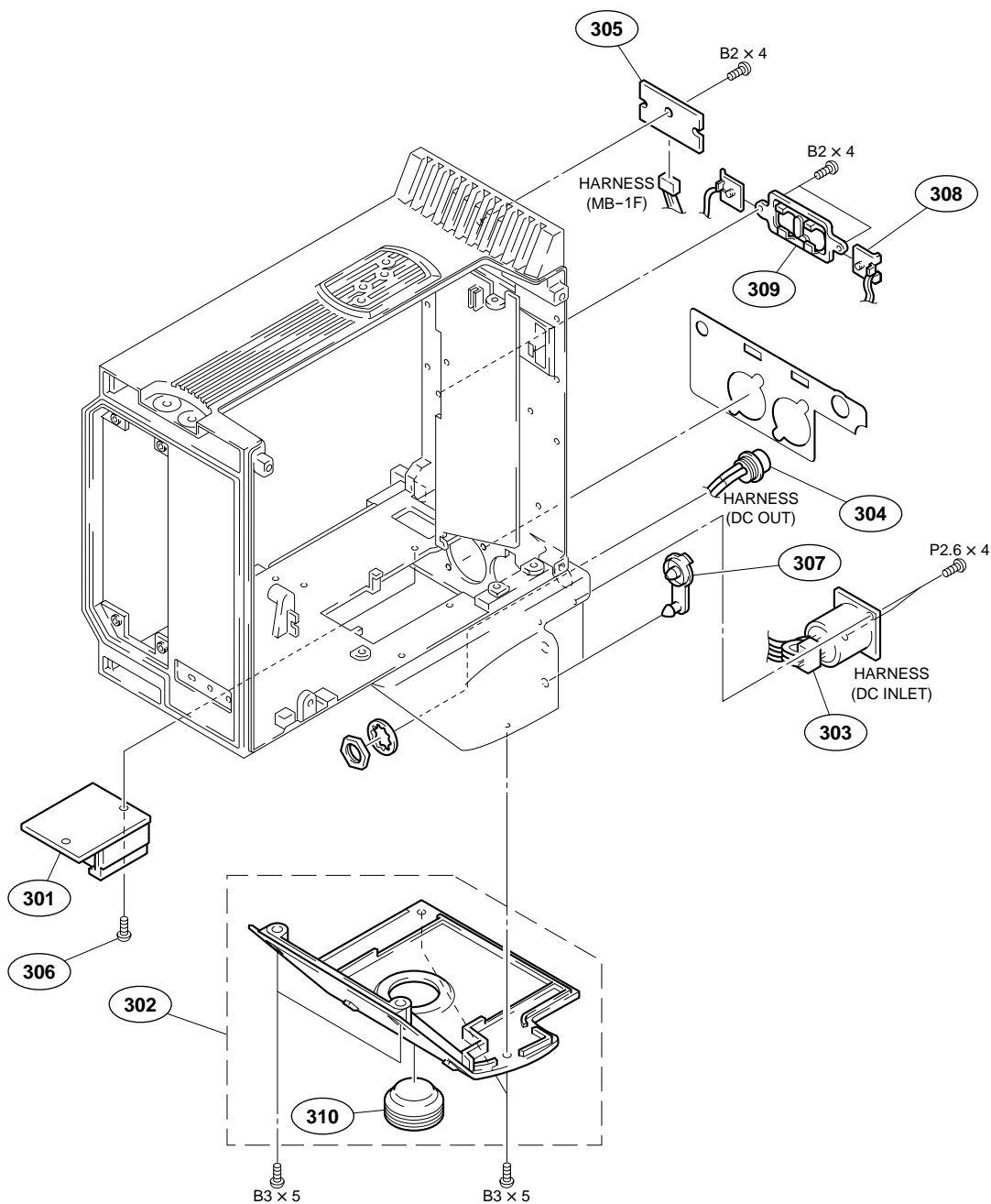
No.	Part No.	SP Description
101	X-3678-734-5	o PANEL SUB ASSY,R
102	X-3678-735-5	o PAD ASSY,R
103	X-3678-736-1	o DOOR ASSY,FP
104	1-544-559-11	s SPEAKER
105	3-178-213-31	s SCREW(M3X12), +B
106	3-604-373-03	o COVER, BATTERY
107	3-669-596-00	s WASHER(2.3), STOPPER
108	3-679-086-01	o BUTTON,PUSH
109	3-686-086-01	o CUSHION, BUTTON
110	3-703-358-09	o PIN, PARALLEL(DIA. 2X25)
111	3-718-694-01	s PIN, PUSH BUTTON
112	3-724-726-01	o HOLDER, SPEAKER

Left panel block



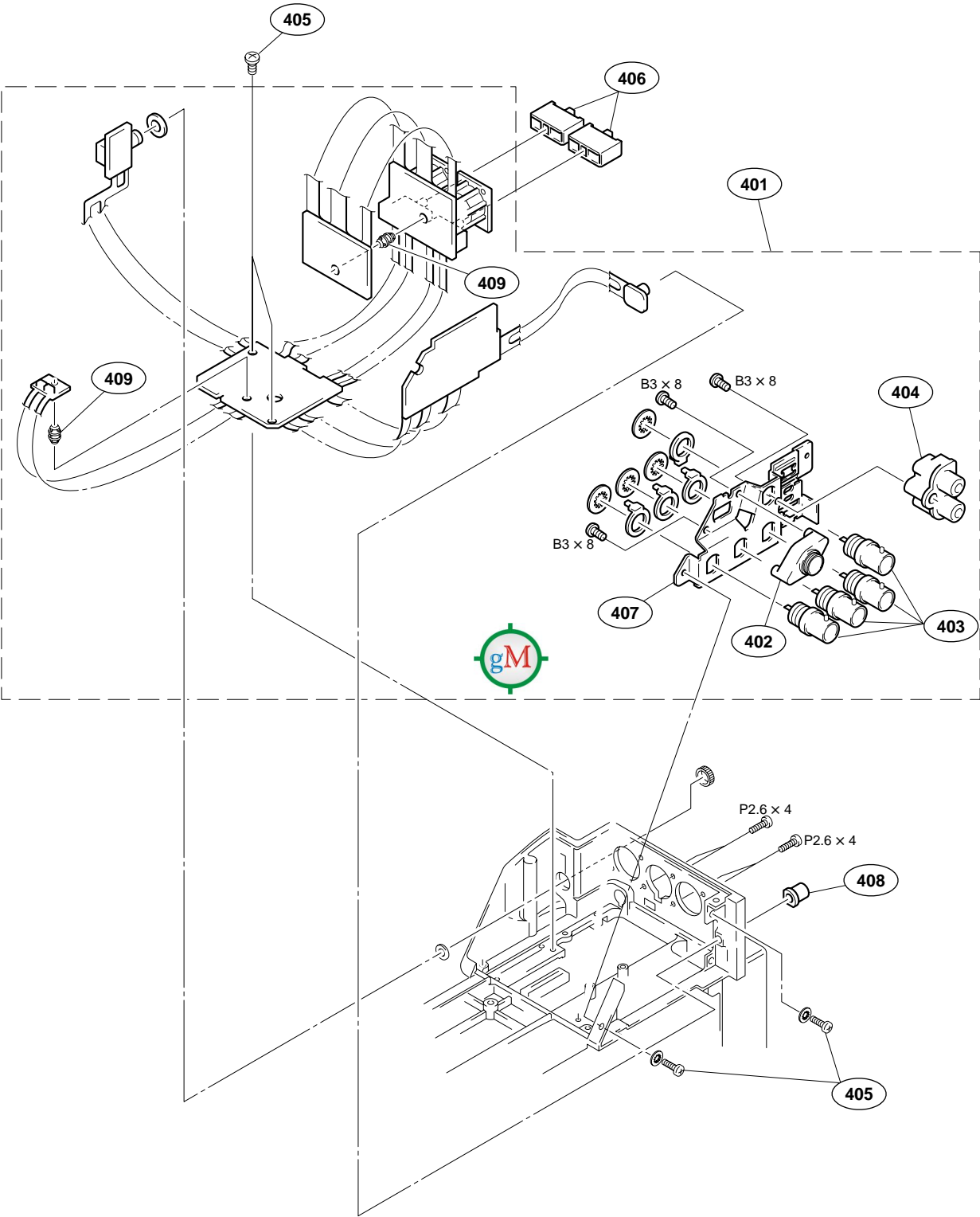
No.	Part No.	SP Description
201	X-3678-729-4	o LID ASSY,CASSETTE COMPARTMENT
202	X-3678-798-6	o SUPPORT R ASSY,ARM
203	X-3678-799-5	o SUPPORT L ASSY,ARM
204	X-3678-868-5	o PANEL SUB ASSY,L
205	X-3678-976-3	s SCREW ASSY, MD
206	3-178-213-31	s SCREW(M3X12), +B
207	3-625-924-01	s ALOCK SCREW +B2.6 NI
208	3-604-377-01	s CAP,CN
209	3-604-805-01	o CLAMP B,SHAFT
210	3-604-806-01	o SUPPORT,SHAFT
211	3-604-889-01	o SHAFT R1,ARM
212	3-604-897-01	o FL,SUPPORT
213	3-604-898-01	o FR,SUPPORT
214	3-604-899-01	o SPRING,TORSION
215	3-604-920-03	o PANEL,SUPPORT,SUB
216	3-605-946-01	o ROLLER,F
217	3-669-596-00	s WASHER(2.3), STOPPER
218	3-703-358-06	o PIN, PARALLEL(DIA. 2X14)

Bottom/rear block (1)



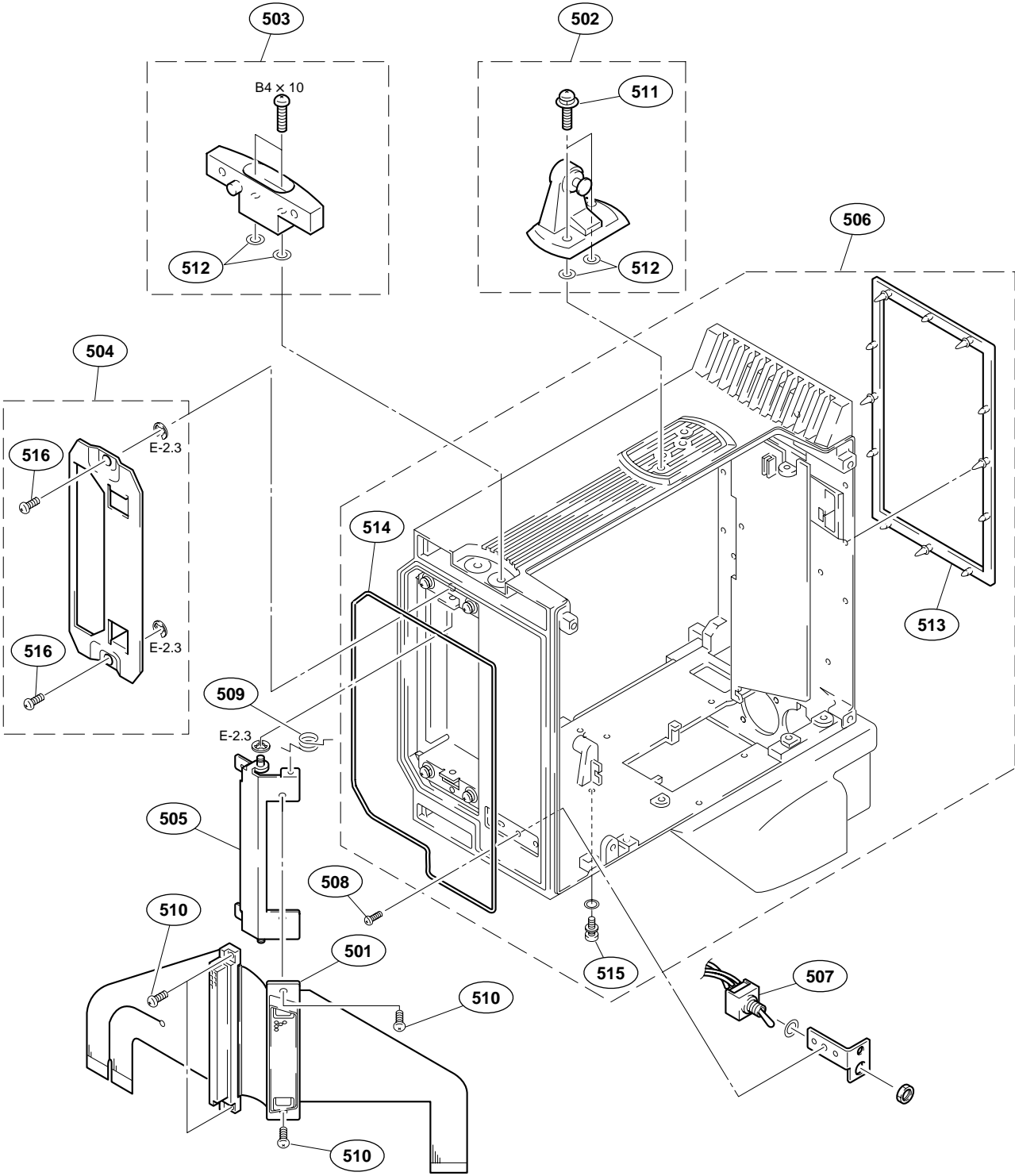
No.	Part No.	SP Description
301	A-8277-841-A	o MOUNTED CIRCUIT BOARD, PS-409
302	X-3678-910-1	o PANEL,BOTTOM ASSY
303	1-564-603-11	s CONNECTOR(WITH DC SW)4P
304	1-565-072-11	s CONNECTOR, ROUND TYPE(RF)4P
305	1-662-873-11	o PRINTED CIRCUIT BOARD, IF-631
306	3-625-924-01	s ALOCK SCREW +B2.6 NI
307	3-604-880-03	s COVER,EARPHONE JACK
308	3-717-996-04	s TERMINAL BOARD
309	3-718-028-01	o HOLDER, TERMINAL
310	3-723-096-01	o COVER, BREAKER

Bottom/rear block (2)



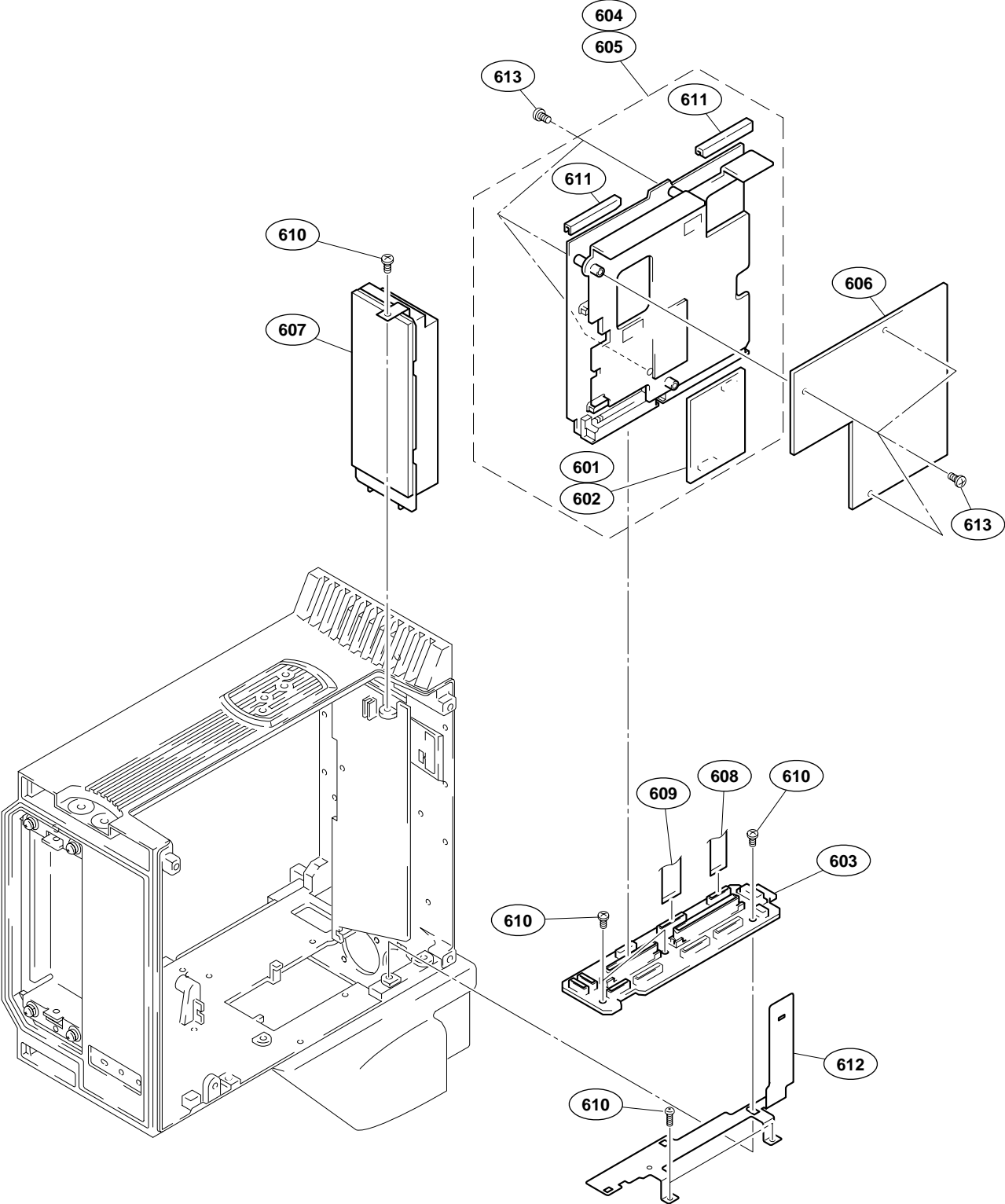
No.	Part No.	SP Description
401	A-8277-851-A	o MOUNTED CIRCUIT BOARD, CP-283
402	1-537-590-13	s CONNECTOR, (S)TERMINAL 4P
403	1-778-787-13	o CONNECTOR, COAXIAL(BNC TYPE)
404	1-778-788-11	o JACK, 2P PIN
405	3-625-924-01	s ALOCK SCREW +B2.6 NI
406	3-604-359-01	o ADAPTOR, SW
407	3-604-376-01	o PLATE, CP
408	3-717-936-03	o COVER, LED
409	4-622-069-01	s SUPPORT, MODEM

Chassis block (1)



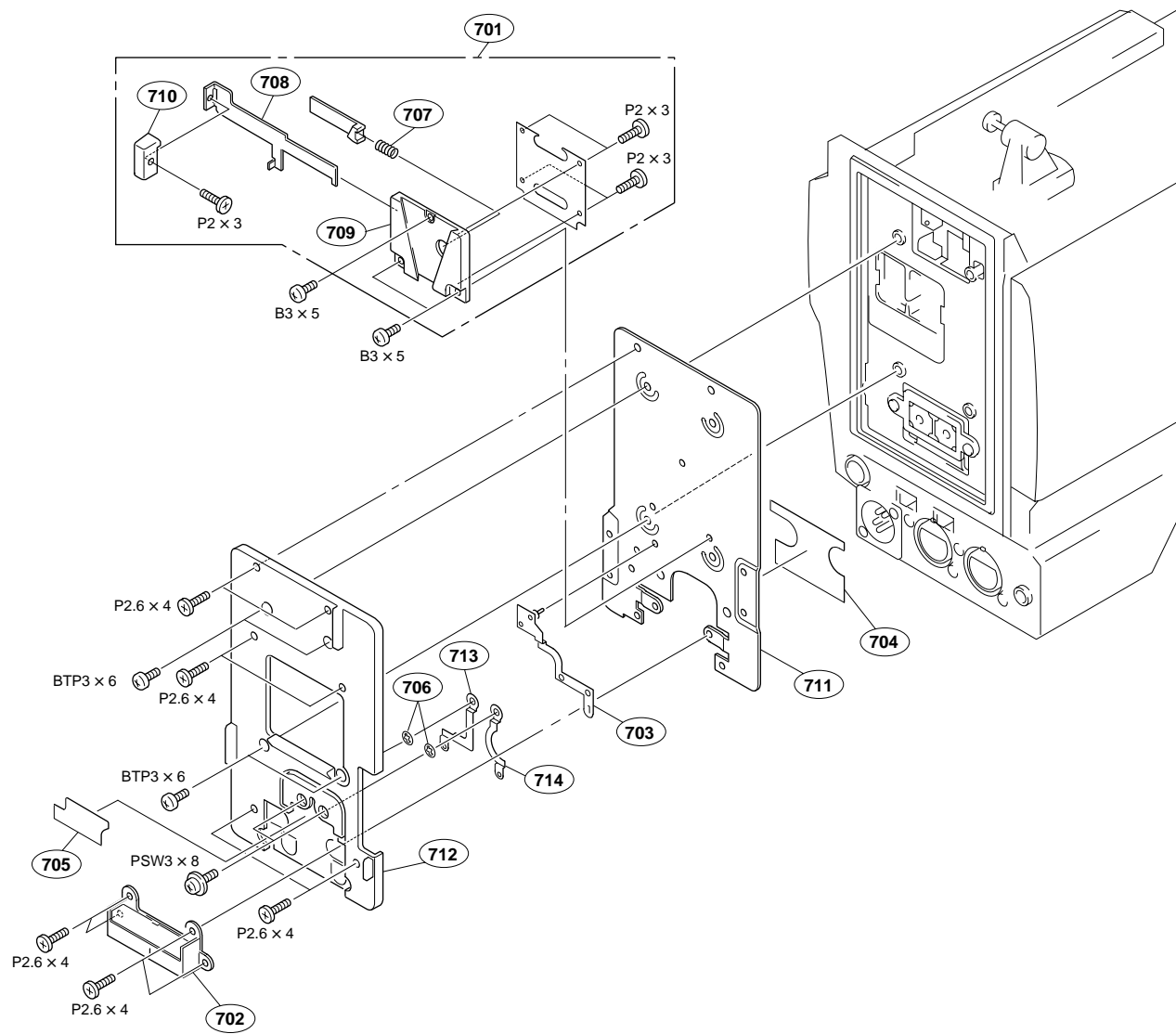
No.	Part No.	SP Description
501	A-8277-845-A	o MOUNTED CIRCUIT BOARD, IF-553
502	A-8278-390-B	s SUPPORT, ASSY BELT
503	A-8278-391-A	s JOINT ASSY, CAMERA
504	A-8278-423-C	o STOPPER,ASSY,IF
505	X-3678-789-1	o BRACKET ASSY,IF
506	X-3678-909-7	o FLAME ASSY,DOC
507	1-571-367-11	s SWTCH, TOGGLE
508	3-625-924-01	s ALOCK SCREW +B2.6 NI
509	3-604-777-01	o SPRING,IF
510	3-604-779-01	s SCREW,IF
511	3-685-694-31	s NYLOCK, PSW M4
512	3-687-116-01	o WASHER(4),STOPPER
513	3-718-032-01	s SHEET,RUBBER,DROP PROTECTION
514	3-729-701-21	s RUBBER(CARBON),CONDUCTIVE
515	3-744-355-01	o SHAFT, GUIDE
516	4-803-055-01	s SCREW, V.S.COVER

Chassis block (2)



No.	Part No.	SP Description
601	A-8277-837-A	o MOUNTED CIRCUIT BOARD, IV-50(for DSR-1)
602	A-8277-838-A	o MOUNTED CIRCUIT BOARD, IV-50P(for DSR-1P)
603	A-8277-843-A	o MOUNTED CIRCUIT BOARD, MB-661
604	A-8327-747-A	s MOUNTED CIRCUIT BOARD, VA-205B(for DSR-1)
	A-8277-847-A	s MOUNTED CIRCUIT BOARD, VA-172(for DSR-1) (Changed to MOUNTED CIRCUIT BOARD VA-205B, Lot No.0A5 and later MOUNTED CIRCUIT BOARD, VA-205B is supplied when MOUNTED CIRCUIT BOARD, VA-172 is ordered, becquse they have compatibility.)
605	A-8327-749-A	s MOUNTED CIRCUIT BOARD, VA-205C(for DSR-1P)
	A-8277-848-A	s MOUNTED CIRCUIT BOARD, VA-172P(for DSR-1P) (Changed to MOUNTED CIRCUIT BOARD VA-205C, Lot No.0A5 and later) MOUNTED CIRCUIT BOARD, VA-205C is supplied when MOUNTED CIRCUIT BOARD, VA-172P is ordered, becquse they have compatibility.)
606	A-8277-850-A	o MOUNTED CIRCUIT BOARD, IPM-66
607	1-473-945-14	s CONVERTER UNIT, DC-DC
608	1-777-866-12	s CABLE, FLEXIBLE FLAT(45CORE)
609	1-777-867-12	s CABLE, FLEXIBLE FLAT(50CORE)
610	3-625-924-01	s ALOCK SCREW +B2.6 NI
611	3-603-737-02	o LEVER,BOARD
612	3-604-817-01	o STRAP
613	3-729-013-41	s SCREW(M1.4X3.5),WASHERHEAD(+P)

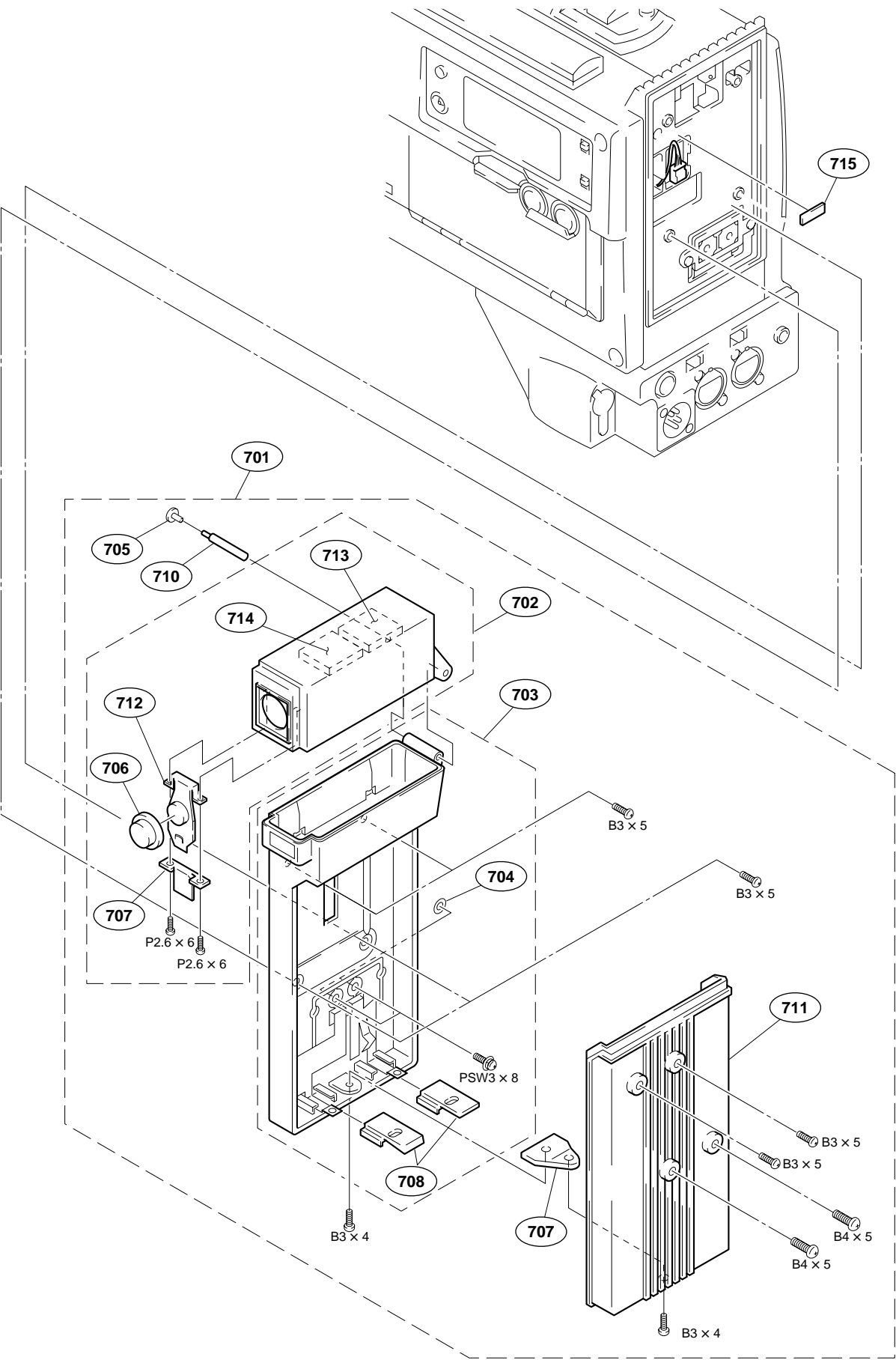
Battery block (Litium)



DSR-1 (J): Serial No. 12556 -
 DSR-1 (UC): Serial No. 12006 -
 DSR-1P (CE): Serial No. 14151 -

No.	Part No.	SP Description
701	A-8278-025-C	s MOUNT, V ASSY
702	1-766-377-12	s CONNECTOR, BATTERY
703	3-606-344-01	o PLATE(ID)
704	3-606-345-01	o SEAL
705	3-606-346-02	o SEAL(FRONT)
706	3-669-596-00	s WASHER(2.3), STOPPER
707	3-679-648-02	o SPRING, COMPRESSION
708	3-679-688-02	o LEVER, RELEASE
709	3-679-690-02	o MOUNT, V
710	3-680-952-01	o KNOB, RELEASE LEVER
711	3-680-996-02	o PLATE
712	3-680-997-02	o INSULATOR
713	3-680-998-02	o PLATE (+)
714	3-680-999-02	o PLATE (-)

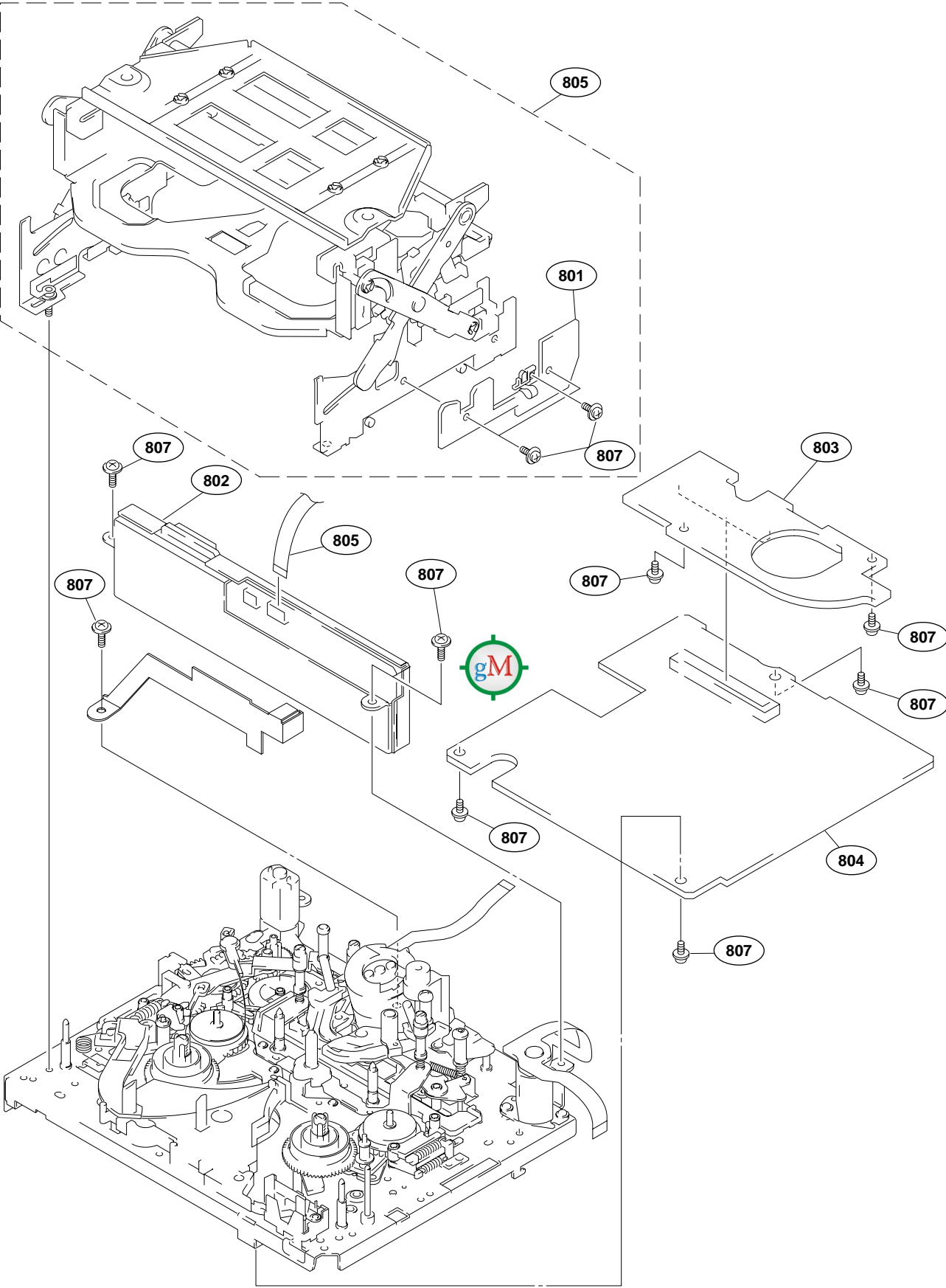
Battery block (Ni-Cd)



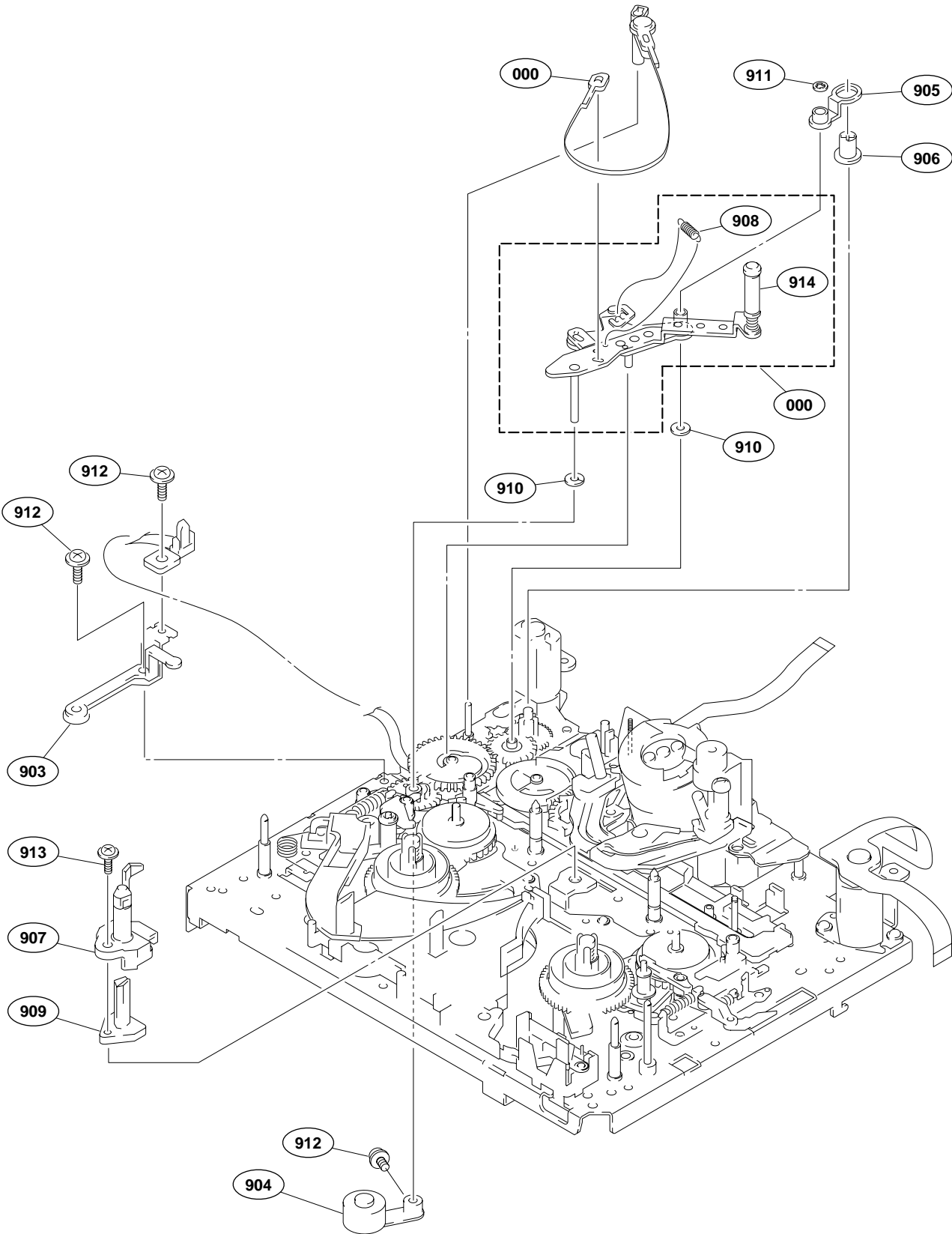
DSR-1 (J): Serial No. 10004 - 12555
 DSR-1 (UC): Serial No. 10018 - 12005
 DSR-1P (CE): Serial No. 10021 - 14150

No.	Part No.	SP Description
701	A-6703-651-F	s CASE ASSY, BATTERY
702	X-3717-701-3	o COVER ASSY, TOP, BATTERY
703	X-3717-742-5	o CASE SUB ASSY, BATTERY
704	3-669-596-00	s WASHER(2.3), STOPPER
705	3-703-075-00	s CAP 2, SHAFT
706	3-717-702-01	s PUSH BUTTON
707	3-717-703-03	s HOOK
708	3-717-707-02	o CUSHION(2)
709	3-717-708-01	o RETAINER, CASE
710	3-717-709-01	o SHAFT, LID
711	3-718-040-01	o COVER(1), BATTERY CASE
712	3-718-172-01	o RETAINER, HOOK
713	3-729-720-01	o CUSHION(LEFT)
714	3-729-721-01	o CUSHION(RIGHT)
715	3-846-067-21	o SPACER(C)

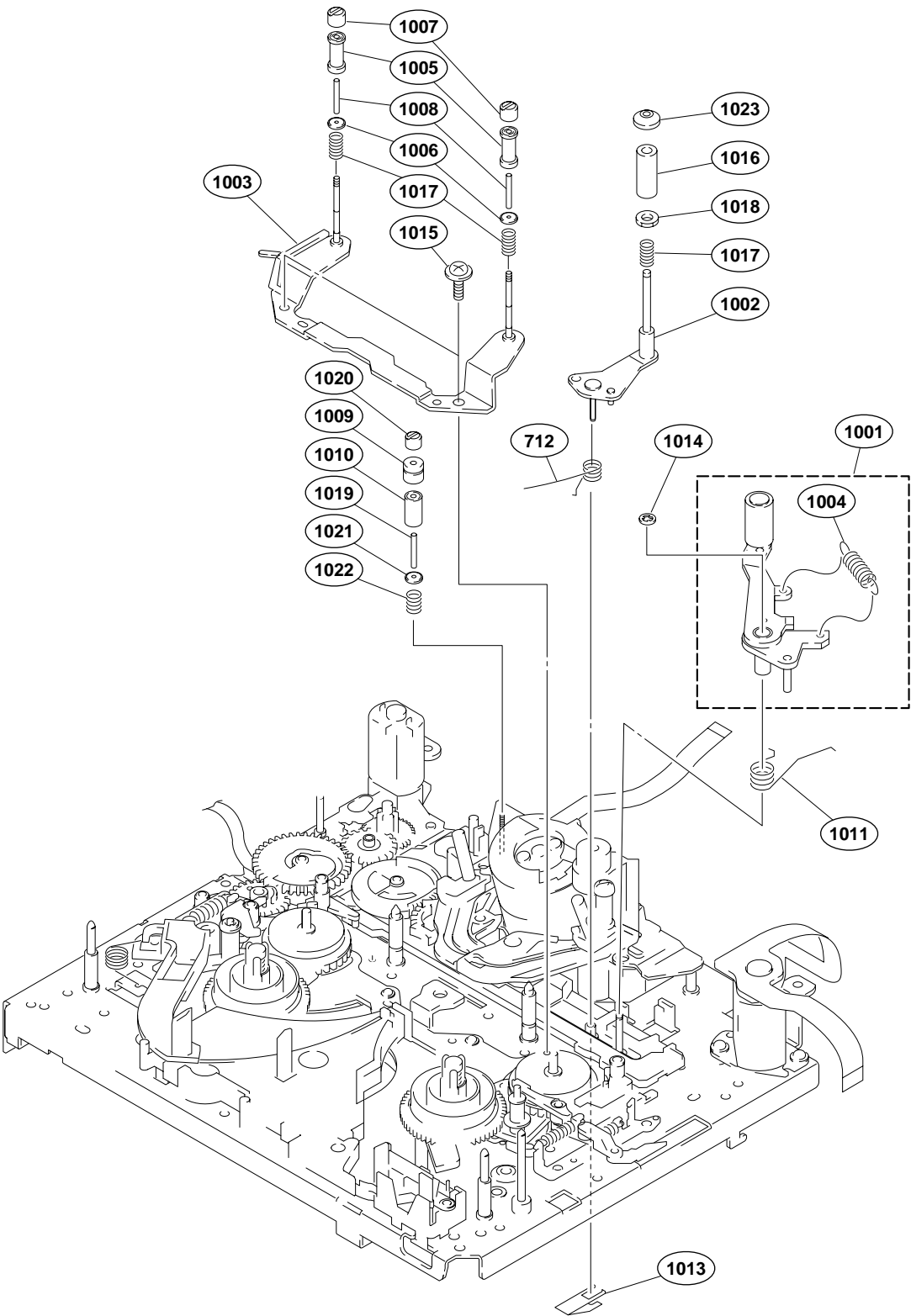
Cassette compartment/boards



No.	Part No.	SP Description
801	A-8277-832-C	o MOUNTED CIRCUIT BOARD, CC-68
802	A-8277-852-A	o MOUNTED CIRCUIT BOARD, RP-91
803	A-8277-853-A	o MOUNTED CIRCUIT BOARD, HN-227
804	A-8322-140-B	o MOUNTED CIRCUIT BOARD, SV-213
	A-8277-854-A	o MOUNTED CIRCUIT BOARD, SV-164 (Changed to MOUNTED CIRCUIT BOARD SV-213, Lot No.0A5 and later MOUNTED CIRCUIT BOARD, SV-213 is supplied when MOUNTED CIRCUIT BOARD, SV-164 is ordered, becquse they have compatibility.)
805	A-8315-150-K	s CASSETTE COMPARTMENT ASSEMBLY
806	1-777-864-11	s CABLE, FLEXIBLE FLAT(20-CORE)
807	3-729-013-21	s SCREW(M1.4X2.5),WASHERHEAD(ST)

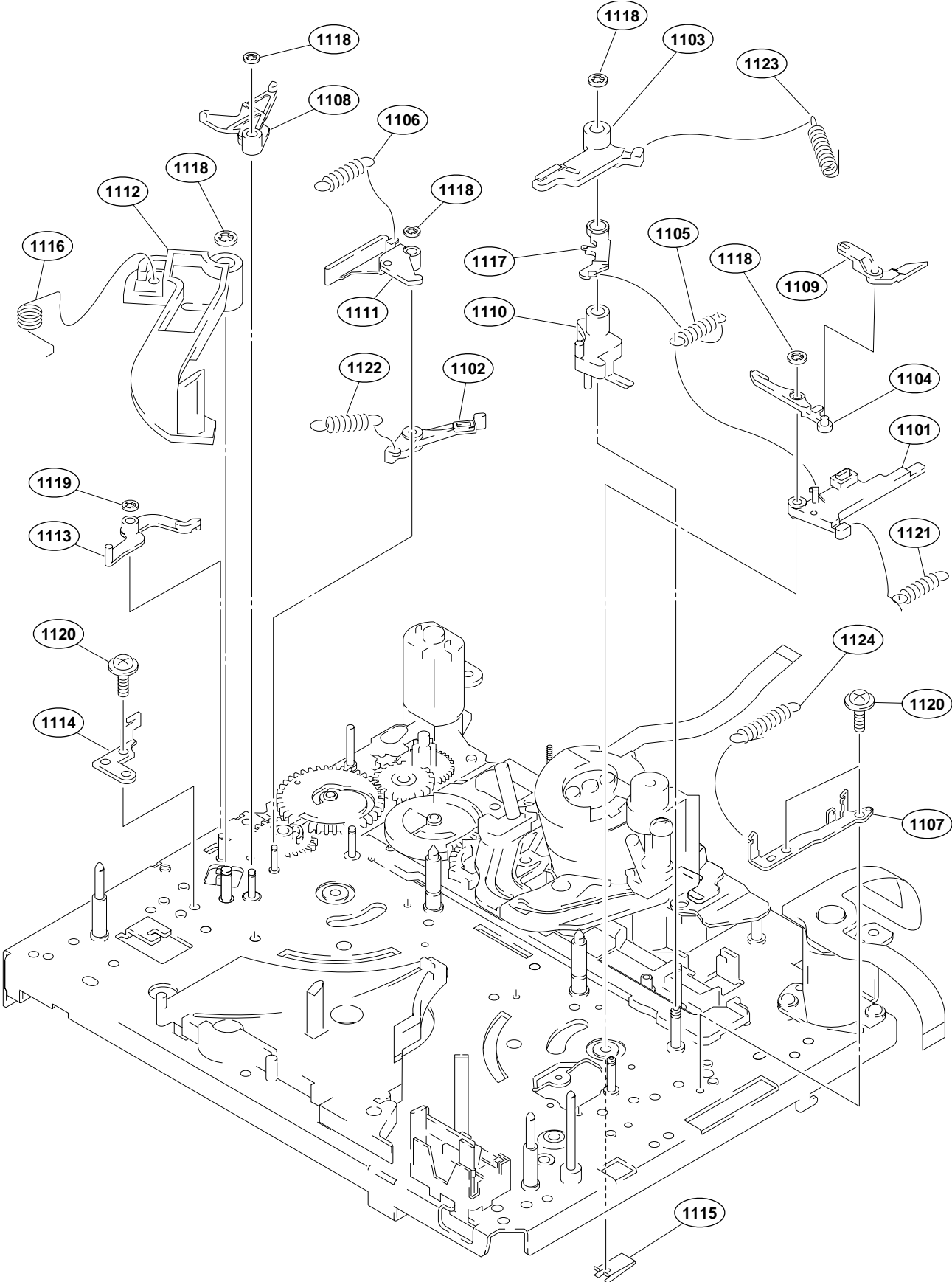


No.	Part No.	SP Description
901	A-8278-429-F	o ARM ASSEMBLY,TR
902	X-3678-777-2	s BAND ASSEMBLY,TR
903	X-3678-872-1	o BRACKET ASSEMBLY,SENSOR
904	X-3678-908-1	o WEIGHT ASSEMBLY,COUNTER
905	3-604-832-01	o RETAINER, CAP
906	3-604-833-01	o CAP(POM)
907	3-604-861-02	o HOLDER,PRISM
908	3-607-208-01	s SPRING(TR)9,EXTENSION
909	3-605-319-01	o PRISM
910	3-701-436-11	s WASHER(1.6X0.25) (PLASTIC)
911	3-726-829-01	s WASHER, STOPPER
912	3-729-013-21	s SCREW(M1.4X2.5),WASHERHEAD(ST)
913	3-729-013-61	s SCREW(M1.4X4.5),WASHERHEAD(+P)
914	3-604-718-01	o ROLLER, TG2

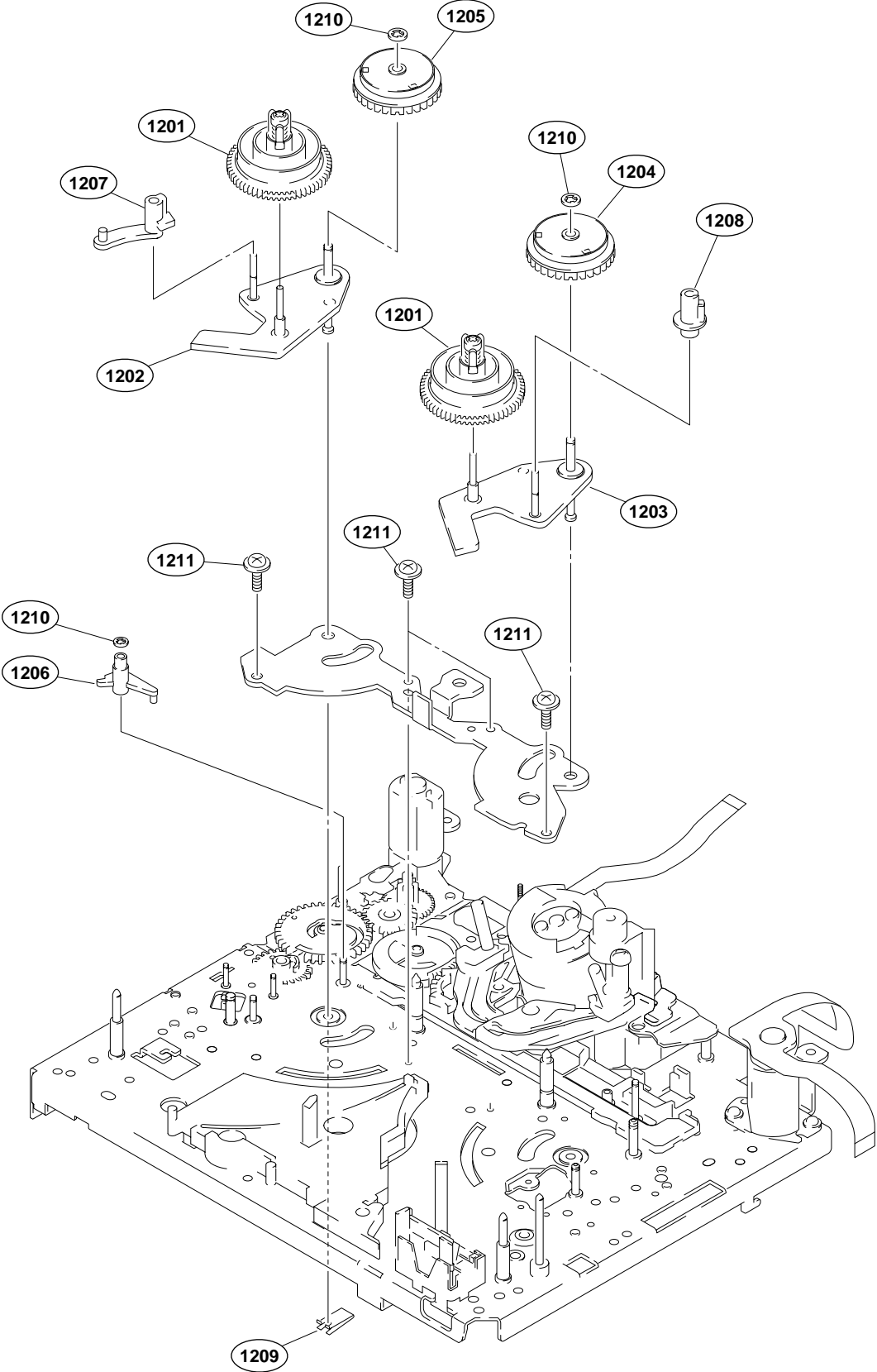


No.	Part No.	SP Description
1001	X-3678-788-3	s ARM ASSEMBLY,PINCH
1002	X-3678-791-1	o ARM ASSEMBLY,TG7
1003	X-3678-880-1	o TG#1/#8 BASE ASSEMBLY
1004	3-548-757-00	s SPRING, TENSION
1005	3-604-702-02	s ROLLER,TG18
1006	3-604-703-01	s LOWER FLANGE,TG1/8
1007	3-604-704-01	s UPPER FLANGE,TG18
1008	3-608-304-02	s SLEEVE,TG18
1009	3-973-948-01	s UPPER FLANGE(2),TG13
1010	3-966-099-11	s ROLLER,TG13
1011	3-604-796-01	o SPRING(PINCH),TORSION
1012	3-606-146-01	o SPRING(TG7),TORSION
1013	3-604-953-01	s DETENT,TG7
1014	3-726-829-01	s WASHER, STOPPER
1015	3-729-013-21	s SCREW(M1.4X2.5),WASHERHEAD(+P)
1016	3-748-777-02	s TG7
1017	3-940-891-01	s SPRING, COMPRESSION
1018	3-964-614-02	s FLANGE, TG7 LOWER
1019	3-966-100-11	s SLEEVE, TG13
1020	3-623-839-01	s NUT, TG13
1021	3-966-106-01	s FLANGE, TG3 LOWER
1022	3-966-107-01	s SPRING, COMPRESSION
1023	3-966-194-01	s FLANGE, TG7 UPPER

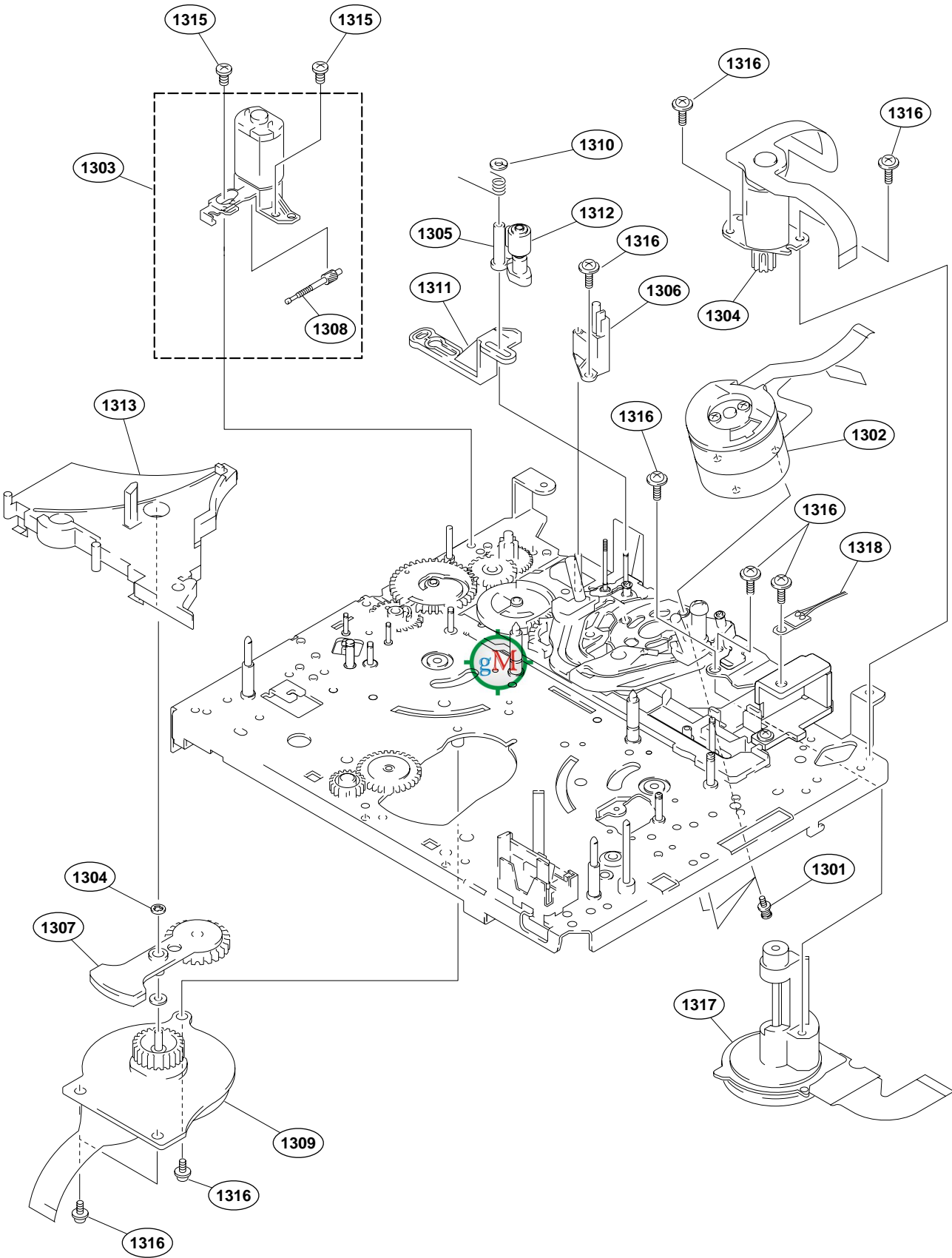
Reel/brake (1)



No.	Part No.	SP Description
1101	A-8278-432-C	o ARM ASSEMBLY(T),HARD BRAKE
1102	A-8278-433-A	o ARM(S)ASSEMBLY,HARD BRAKE
1103	X-3678-869-1	s ARM(T)ASSEMBLY,SOFT BRAKE
1104	X-3678-870-1	s SOFT BRAKE ASSEMBLY,TL
1105	3-349-867-01	s SPRING, TENSION
1106	3-446-154-99	s SPRING, TENSION
1107	3-605-330-01	o HOOK(T),SPRING
1108	3-603-966-02	o ARM,LOCK RELEASE
1109	3-604-855-01	o LEVER,TL,RELEASE
1110	3-604-860-02	o RELEASE ARM,T BRAKE
1111	3-605-314-01	s ARM(S),SOFT BRAKE
1112	3-605-316-01	o ROCK ARM,REEL
1113	3-605-318-01	o ARM,SS RELEASE
1114	3-605-329-02	o HOOK(S),SPRING
1115	3-605-332-01	o RETAINER,REEL PLATE
1116	3-605-333-01	o PRESS SPRING,REEL LOCK
1117	3-606-366-01	o LEVER,BRAKE,SOFT,T
1118	3-669-465-01	s WASHER(1.5), STOPPER
1119	3-726-829-01	s WASHER, STOPPER
1120	3-729-013-21	s SCREW(M1.4X2.5),WASHERHEAD(+P)
1121	3-908-649-01	s SPRING(OPEN)
1122	3-913-922-01	s SPRING(T RELEASE), TENSION
1123	4-930-450-01	s SPRING, TENSION(COIL)
1124	3-331-658-01	s SPRING, TENSION

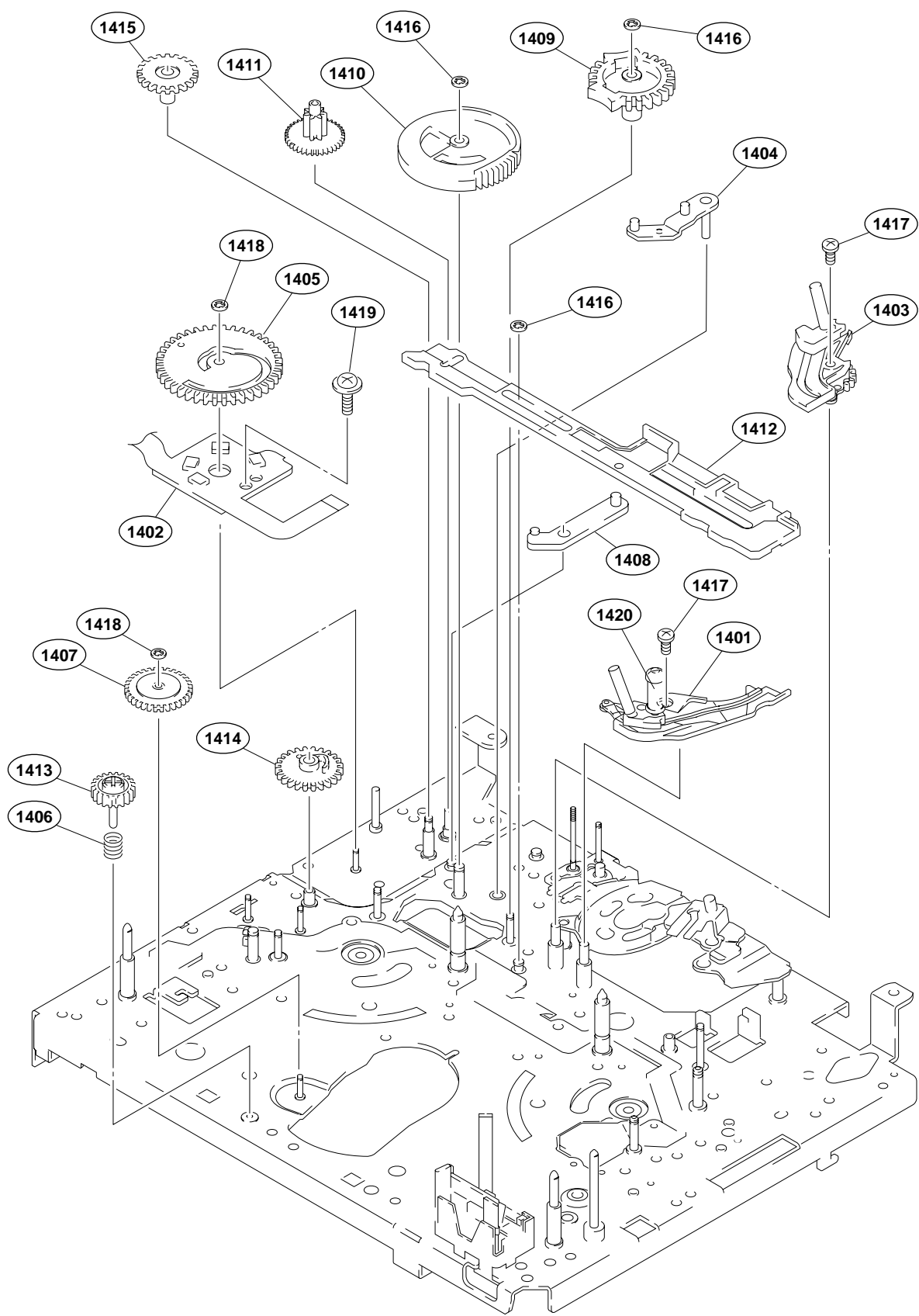


No.	Part No.	SP Description
1201	A-8311-497-C	o REEL(LARGE)ASSEMBLY
1202	X-3678-881-3	o S PLATE ASSEMBLY,REEL
1203	X-3678-882-3	o PLATE ASSEMBLY,T REEL
1204	X-3678-885-1	o GEAR ASSEMBLY(T),SUB REEL
1205	X-3678-886-1	o GEAR ASSEMBLY(S),SUB REEL
1206	3-604-851-01	o ARM,SH RELEASE
1207	3-605-317-02	o ROCK DRIVING ARM,REEL
1208	3-605-320-02	o STOPPER,REEL T
1209	3-605-332-01	o RETAINER,REEL PLATE
1210	3-669-465-01	s WASHER(1.5), STOPPER
1211	3-729-013-21	s SCREW(M1.4X2.5),WASHERHEAD(+P)



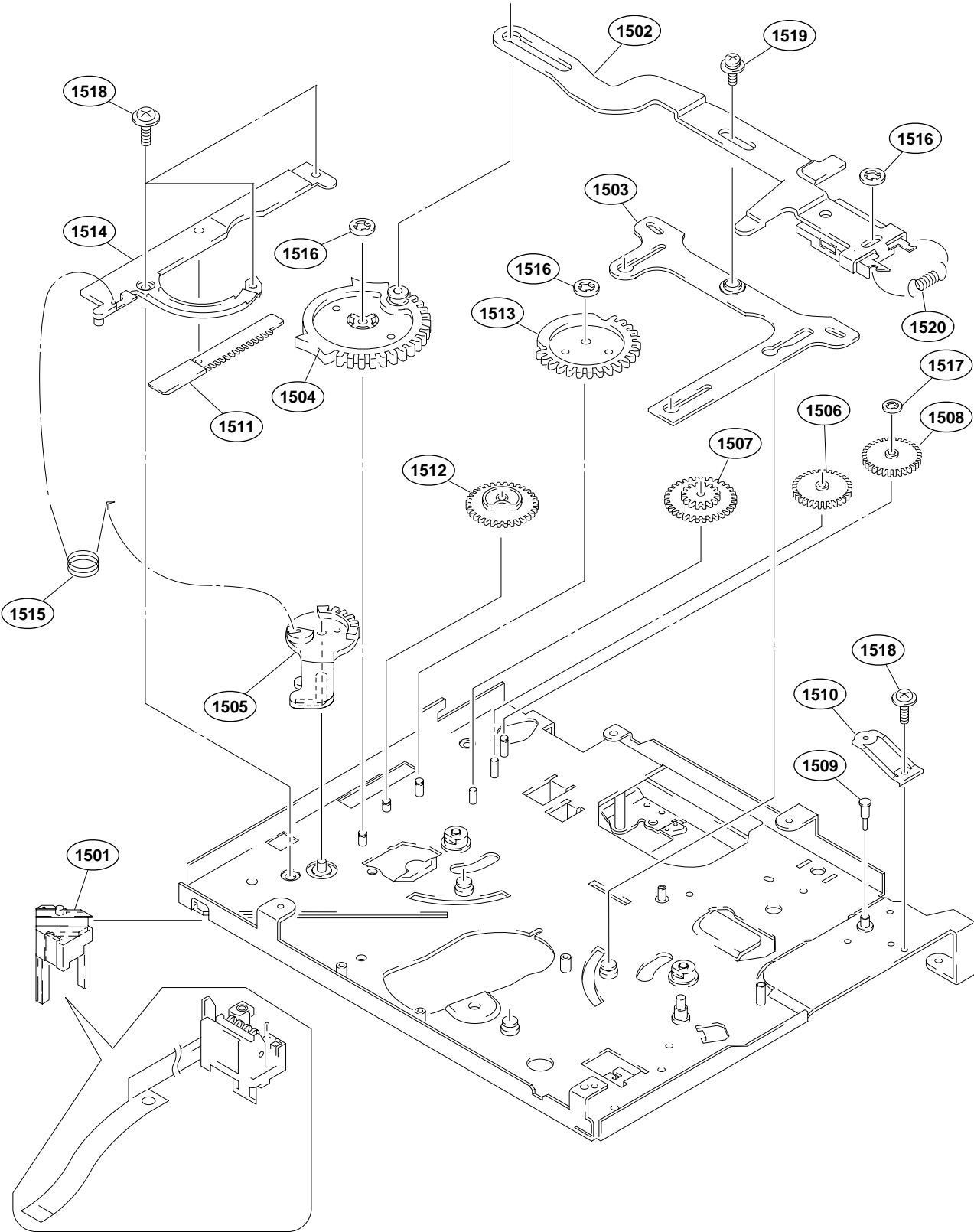
No.	Part No.	SP Description
1301	A-7026-009-B	s SCREW ASSEMBLY, DRUM FITTING
1302	A-4900-064-A	s DRUM ASSEMBLY, DEH-03A-R
1303	A-8311-086-A	s MOTOR BLOCK ASSEMBLY, LD
1304	A-8311-088-A	s MOTOR ASSEMBLY, SHIFT
1305	A-8311-505-B	s C ASSEMBLY
1306	3-604-834-03	o HOLDER,TC
1307	X-3678-884-2	s IDLER GEAR ASSEMBLY
1308	X-3945-435-1	s SHAFT(12)ASSEMBLY, WORM
1309	1-698-870-12	s MOTOR, DC(REEL)
1310	3-315-414-31	s WASHER
1311	3-604-708-01	o ARM(B),HC
1312	3-604-797-01	o SPRING(HC),TORSION
1313	3-604-864-02	o COVER,REEL ROCK
1314	3-669-465-01	s WASHER(1.5), STOPPER
1315	3-703-816-42	s SCREW(M1.4X2.5), SPECIAL HEAD
1316	3-729-013-21	s SCREW(M1.4X2.5),WASHERHEAD(+P)
1317	8-835-530-01	s MOTOR, DC SCD12A/J-N
1318	1-801-756-11	s SENSOR, DEW CONDENSATION

Gear (1)



No.	Part No.	SP Description
1401	A-8319-580-A	s GL(T)BLOCK ASSEMBLY(2)
1402	A-8277-830-A	o MOUNTED CIRCIT BOARD, SE-295
1403	A-8311-397-B	s GL(S)BLOCK ASSEMBLY
1404	X-3678-776-4	o ARM ASSEMBLY,SLIDER
1405	X-3678-794-2	o GEAR ASSEMBLY,MODE
1406	3-388-596-01	s SPRING, COMPRESSION
1407	3-603-969-01	o GEAR,C
1408	3-604-707-01	o ARM(A),HC
1409	3-604-713-01	o GEAR,THREADING
1410	X-3605-670-2	o CAM GEAR ASSEMBLY
1411	3-604-825-01	o GEAR,NO.1
1412	3-604-829-01	o SLIDER,MODE
1413	3-604-856-01	o GEAR,D
1414	3-604-858-01	o CAM GEAR,RELEASE
1415	X-3678-962-1	o GEAR ASSEMBLY,HC
1416	3-669-465-01	s WASHER(1.5), STOPPER
1417	3-703-816-42	s SCREW(M1.4X2.5), SPECIAL HEAD
1418	3-726-829-01	s WASHER, STOPPER
1419	3-729-013-21	s SCREW(M1.4X2.5),WASHERHEAD(+P)
1420	X-3604-927-1	s TG5 ASSEMBLY 2

Gear (2)



No.	Part No.	SP Description
1501	A-8311-396-C	o HOLDER(C)BLOCK ASSEMBLY, MIC
1502	X-3678-878-1	o REEL MOVE ARM ASSEMBLY
1503	X-3678-879-1	o REEL PLATE PRESS LINK ASSEMBLY
1504	X-3678-888-2	o GEAR ASSEMBLY,DRIVE B
1505	3-603-962-01	o LEVER,MIC
1506	3-603-968-01	o GEAR,B
1507	3-603-969-01	o GEAR,C
1508	3-603-970-01	o GEAR,A
1509	3-604-826-01	o SHAFT,NO.1 GEAR
1510	3-604-839-01	o DETENT,#1
1511	3-604-849-01	o RACK
1512	3-604-853-01	o GEAR,E
1513	3-605-312-01	o DRIVING GEAR A,REEL
1514	3-605-313-01	o CASE,RACK
1515	3-605-331-01	o SPRING,COMPRESSION,MIC
1516	3-669-465-01	s WASHER(1.5), STOPPER
1517	3-726-829-01	s WASHER, STOPPER
1518	3-729-013-21	s SCREW(M1.4X2.5),WASHERHEAD(+P)
1519	3-730-141-01	s SCREW(PSW2X4)
1520	3-729-078-11	s SPRING,TENSION

13-3. Electrical Parts List

CC-68 BOARD

*a: Lot No. 605
*b: Lot No. 606 -

Ref. No. or Q'ty	Part No.	SP Description
1pc	*b A-8277-832-C	o MOUNTED CIRCUIT BOARD, CC-68
	*a A-8277-832-B	o MOUNTED CIRCUIT BOARD, CC-68
CN1	1-750-159-21	o CONNECTOR, FPC 5P
Q1	*b 8-729-926-31	s PHOTO TRANSISTOR PT483F1S
	*a 8-729-018-23	s TRANSISTOR TPS626-B
S1	1-572-288-11	s SWITCH, PUSH
S2	1-572-288-11	s SWITCH, PUSH

CP-283 BOARD

*a: Lot No. 605 - 606
*b: Lot No. 607 - 612
*c: Lot No. 605 - 612
*d: Lot No. 701 -
*e: Lot No. 605 - 701
*f: Lot No. 702 -
*g: Lot No. 605 - 711
*h: Lot No. 712 -
*i: Lot No. 605 - 802
*j: Lot No. 803 -
*k: Lot No. 605 - 803
*m: Lot No. 804 -
*n: Lot No. 605 - 809
*o: Lot No. 810 - 909
*p: Lot No. 910 -
*q: Lot No. 605 - 911
*r: Lot No. 912 -
*s: Lot No. 605
*t: Lot No. 606 -
*u: Lot No. 607 -

*N: DSR-1
*P: DSR-1P

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-851-A	o MOUNTED CIRCUIT BOARD, CP-283
1pc	1-573-590-13	s CONNECTOR, (S) TERMINAL 4P
4pcs	1-778-787-13	o CONNECTOR, COAXIAL (BNC TYPE)
1pc	1-778-788-11	o JACK, 2P PIN
1pc	3-604-376-01	o PLATE, CP
3pcs	7-685-546-14	s SCREW +BTP 3X8
1pc	A-8278-413-E	s PLATE, CP ASSY
C101	1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
C102	1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
C103	1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
C104	1-163-275-11	s CAPACITOR CERAMIC 1000PF/50V
C105	1-163-133-00	s CAPACITOR, CHIP CERAMIC 470PF
C106	1-163-133-00	s CAPACITOR, CHIP CERAMIC 470PF
C107	*d 1-124-261-00	s CAPACITOR, ELECT 10M/50V
	*b 1-126-162-11	s CAPACITOR ELECT 3.3MF/50V
	*a 1-124-261-00	s ELECT 10uF 20% 50V
C108	*d 1-124-261-00	s CAPACITOR ELECT 10MF/50V
	*b 1-126-162-11	s CAPACITOR ELECT 3.3MF/50V
	*a 1-124-261-00	s ELECT 10uF 20% 50V
C109	*h 1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
	*g 1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C110	*h 1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
	*g 1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C111	1-163-037-11	s CAPACITOR, CHIP CERAMIC 0.022MF
C112	1-163-037-11	s CAPACITOR, CHIP CERAMIC 0.022MF
C113	*d 1-104-852-11	s CAPACITOR, TANTALUM 22MF/10V
	*c 1-104-849-11	s TANTALUM, CHIP 22uF 20% 6.3V
C114	*d 1-104-852-11	s CAPACITOR, TANTALUM 22MF/10V
	*c 1-104-849-11	s TANTALUM, CHIP 22uF 20% 6.3V
C115	*d 1-104-851-11	s CAPACITOR, TANTALUM 10MF/10V
	*c 1-135-259-11	s TANTALUM, CHIP 10uF 20% 6.3V
C116	*d 1-104-851-11	s CAPACITOR, TANTALUM 10MF/10V
	*c 1-135-259-11	s TANTALUM, CHIP 10uF 20% 6.3V
C117	1-163-038-00	s CAPACITOR, CERAMIC 0.1MF/25V
C118	1-163-038-00	s CAPACITOR, CERAMIC 0.1MF/25V
C119	1-107-690-11	s CAPACITOR TANTALUM 6.8MF/35V
C120	1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
C121	1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
C122	1-163-251-11	s CAPACITOR CERAMIC 100PF/50V

(CP-283 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C123	1-163-275-11	s CAPACITOR CERAMIC 1000PF/50V
C124	1-107-690-11	s CAPACITOR TANTALUM 6.8MF/35V
C125	1-163-133-00	s CAPACITOR,CHIP CERAMIC 470PF
C126	1-163-133-00	s CAPACITOR,CHIP CERAMIC 470PF
C127	*d 1-124-261-00	s CAPACITOR ELECT 10MF/50V
	*b 1-126-162-11	s CAPACITOR ELECT 3.3MF/50V
	*a 1-124-261-00	s ELECT 10uF 20% 50V
C128	*d 1-124-261-00	s CAPACITOR ELECT 10MF/50V
	*b 1-126-162-11	s CAPACITOR ELECT 3.3MF/50V
	*a 1-124-261-00	s ELECT 10uF 20% 50V
C129	*h 1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
	*g 1-163-227-11	s CERAMIC, CHIP 10PF 5% 50V
C130	*h 1-163-251-11	s CERAMIC, CHIP 100PF 5% 50V
	*g 1-163-227-11	s CERAMIC, CHIP 10PF 5% 50
C131	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C132	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C133	1-107-690-11	s CAPACITOR TANTALUM 6.8MF/35V
C134	1-107-690-11	s CAPACITOR TANTALUM 6.8MF/35V
C203	1-163-017-00	s CAPACITOR,CHIP CERAMIC 4700PF
C204	1-163-038-00	s CAPACITOR, CERAMIC 0.1MF/25V
C205	1-163-017-00	s CAPACITOR,CHIP CERAMIC 4700PF
CN101	*p 1-766-386-14	s CONNECTOR, 3P-XLR TYPE(FEMALE)
	*o 1-766-386-12	s CONNECTOR, 3P-XLR TYPE(FEMALE)
	*n 1-766-386-11	s CONNECTOR, 3P-XLR TYPE(FEMALE)
CN102	*p 1-766-386-14	s CONNECTOR, 3P-XLR TYPE(FEMALE)
	*o 1-766-386-12	s CONNECTOR, 3P-XLR TYPE(FEMALE)
	*n 1-766-386-11	s CONNECTOR, 3P-XLR TYPE(FEMALE)
CN207	1-507-980-11	s JACK
CN801	1-778-644-11	o CONNECTOR, BOARD TO BOARD 40P
CN802	1-566-758-11	o PIN,CONNECTOR 3P
CN803	1-566-760-11	s PIN,CONNECTOR (PC BOARD) 5P
D101	*h 8-719-820-41	s DIODE ISS302
	*g 8-719-059-52	s DIODE MA3J14300LSO
D102	*h 8-719-820-41	s DIODE ISS302
	*g 8-719-059-52	s DIODE MA3J14300LSO
D103	*h 8-719-820-41	s DIODE ISS302
	*g 8-719-059-52	s DIODE MA3J14300LSO
D104	*h 8-719-820-41	s DIODE ISS302
	*g 8-719-059-52	s DIODE MA3J14300LSO
D201	*j 8-719-059-49	s DIODE EBR3368S
	*i 8-719-057-15	s DIODE EBR3368S-TP-J240K
D202	8-719-059-52	s DIODE MA3J14300LSO
D203	8-719-059-52	s DIODE MA3J14300LSO
D205	8-719-059-52	s DIODE MA3J14300LSO
D206	8-719-059-52	s DIODE MA3J14300LSO
D207	8-719-059-52	s DIODE MA3J14300LSO
D208	8-719-059-52	s DIODE MA3J14300LSO
D209	8-719-059-52	s DIODE MA3J14300LSO
D210	8-719-059-52	s DIODE MA3J14300LSO
FL201	1-239-896-12	s FILTER, EMI (SMD)
FL202	1-239-896-12	s FILTER, EMI (SMD)
FL203	1-239-896-12	s FILTER, EMI (SMD)
FL204	1-239-895-11	s FILTER, EMI (SMD)
FL205	1-239-895-11	s FILTER, EMI (SMD)
FL206	1-239-895-11	s FILTER, EMI (SMD)
FL207	1-239-895-11	s FILTER, EMI (SMD)
FL208	1-239-895-11	s FILTER, EMI (SMD)
IC101	*h 8-759-700-84	s IC NJM2041MD
	*g 8-759-111-56	s IC UPC4572G2

(CP-283 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC201	*h 8-759-700-84	s IC NJM2041MD
	*g 8-759-111-56	s IC UPC4572G2
L101	1-412-137-11	s INDUCTOR,MICRO 10UH
L102	1-412-137-11	s INDUCTOR,MICRO 10UH
L103	1-412-137-11	s INDUCTOR,MICRO 10UH
L104	1-412-137-11	s INDUCTOR,MICRO 10UH
L211	*N	
	*u 1-412-390-21	s MICRO INDUCTOR (CHIP) 21A05
	*P	
	*t 1-412-390-21	s MICRO INDUCTOR (CHIP) 21A05
L213	*N	
	*u 1-412-390-21	s MICRO INDUCTOR (CHIP) 21A05
	*P	
	*t 1-412-390-21	s MICRO INDUCTOR (CHIP) 21A05
Q101	8-729-141-75	s TRANSISTOR 2SD596DV345
Q102	8-729-141-48	s TRANSISTOR 2SB624-BV345
Q103	8-729-271-31	s TRANSISTOR 2SC2713-G
Q104	8-729-271-31	s TRANSISTOR 2SC2713-G
R102	*r 1-216-017-91	s RESISTOR,CHIP 47 1/10W(2012)
	*q 1-216-295-91	s CONDUCTOR, CHIP (2012)
R103	1-216-295-00	s CONDUCTOR, CHIP (2012)
R105	1-216-295-00	s CONDUCTOR, CHIP (2012)
R106	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R107	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R108	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R109	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R110	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R111	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R112	1-216-637-11	s RESISTOR,CHIP 270 1/10W (2012)
R113	1-216-637-11	s RESISTOR,CHIP 270 1/10W (2012)
R114	1-216-639-11	s RESISTOR,CHIP 330 1/10W (2012)
R115	1-216-639-11	s RESISTOR,CHIP 330 1/10W (2012)
R116	1-216-295-00	s CONDUCTOR, CHIP (2012)
R117	1-216-662-11	s RESISTOR,CHIP 3K 1/10W (2012)
R118	*d 1-216-687-11	s RESISTOR,CHIP 33K 1/10W (2012)
	*c 1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R119	*d 1-216-687-11	s RESISTOR,CHIP 33K 1/10W (2012)
	*c 1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R120	1-216-645-11	s RESISTOR,CHIP 560 1/10W(2012)
R121	1-216-647-11	s RESISTOR,CHIP 680 1/10W (2012)
R122	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R123	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R124	1-216-295-00	s CONDUCTOR, CHIP (2012)
R127	1-216-055-00	s RESISTOR CHIP 1.8K 1/10W(2012)
R128	1-216-055-00	s RESISTOR CHIP 1.8K 1/10W(2012)
R129	1-216-083-00	s RESISTOR CHIP 27K 1/10W(2012)
R131	*r 1-216-017-91	s RESISTOR,CHIP 47 1/10W(2012)
	*q 1-216-295-91	s CONDUCTOR, CHIP (2012)
R132	1-216-295-00	s CONDUCTOR, CHIP (2012)
R134	1-216-083-00	s RESISTOR CHIP 27K 1/10W(2012)
R135	1-216-295-00	s CONDUCTOR, CHIP (2012)
R136	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R137	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R138	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R139	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R140	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R141	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R142	1-216-637-11	s RESISTOR,CHIP 270 1/10W (2012)
R143	1-216-637-11	s RESISTOR,CHIP 270 1/10W (2012)

(CP-283 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R144	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R145	1-216-639-11	s	RESISTOR,CHIP 330 1/10W (2012)
R146	1-216-639-11	s	RESISTOR,CHIP 330 1/10W (2012)
R147	1-216-662-11	s	RESISTOR,CHIP 3K 1/10W (2012)
R148	*d 1-216-687-11	s	RESISTOR,CHIP 33K 1/10W (2012)
	*c 1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R149	*d 1-216-687-11	s	RESISTOR,CHIP 33K 1/10W (2012)
	*c 1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W
R150	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R151	1-216-647-11	s	RESISTOR,CHIP 680 1/10W (2012)
R152	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R153	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R154	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R201	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R202	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R204	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R205	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R206	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R207	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R209	*f 1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
	*e 1-216-295-91	s	CONDUCTOR, CHIP (2012)
R210	*f 1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
	*e 1-216-295-91	s	CONDUCTOR, CHIP (2012)
R211	*N		
	*a 1-216-295-91	s	CONDUCTOR, CHIP (2012)
	*P		
	*s 1-216-295-91	s	CONDUCTOR, CHIP (2012)
R212	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R213	*N		
	*a 1-216-295-91	s	CONDUCTOR, CHIP (2012)
	*P		
	*s 1-216-295-91	s	CONDUCTOR, CHIP (2012)
R214	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R216	1-216-295-00	s	CONDUCTOR, CHIP (2012)
R218	*m 1-216-304-11	s	RESISTOR,CHIP 3.3 1/10W(2012)
	*k 1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W
R219	1-216-023-00	s	RESISTOR,CHIP 82 1/10W(2012)
S101	1-572-042-11	s	SWITCH,SLIDE (2-4-3)
S102	1-572-042-11	s	SWITCH,SLIDE (2-4-3)

FP-81 BOARD

*a: Lot No. 605 - 607
 *b: Lot No. 608 -
 *c: Lot No. 605 - 609
 *d: Lot No. 610 -
 *e: Lot No. 605 - 700
 *f: Lot No. 701 -
 *g: Lot No. 605 - 701
 *h: Lot No. 702 -
 *i: Lot No. 701 - 085
 *j: Lot No. 091 -
 *k: Lot No. 701 - 909
 *m: Lot No. 910 -
 *n: Lot No. 605 - 801
 *o: Lot No. 802 -
 *p: Lot No. 605 - 709
 *q: Lot No. 710 -
 *r: Lot No. 605 - 912
 *s: Lot No. 001 -

Ref. No.
 or Q'ty Part No. SP Description

lpc	A-8277-849-A	o	MOUNTED CIRCUIT BOARD, FP-81
lpc	1-550-414-31	s	HOLDER, BATTERY
lpc	3-604-372-01	o	SPACER LCD (ABS)
C1	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C2	1-164-677-11	s	CAPACITOR,CERAMIC 0.033MF/16V
C3	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C4	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C5	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C6	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C7	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C8	1-162-912-11	s	CAPACITOR,CERAMIC 7PF/50V 1608
C9	1-162-912-11	s	CAPACITOR,CERAMIC 7PF/50V 1608
C10	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C12	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C13	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C14	1-162-912-11	s	CAPACITOR,CERAMIC 7PF/50V 1608
C15	1-162-912-11	s	CAPACITOR,CERAMIC 7PF/50V 1608
C16	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C17	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C18	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C19	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C20	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C21	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C22	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C23	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C24	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C200	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C201	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C202	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C203	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C204	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C205	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C206	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C207	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C208	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C209	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C210	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C211	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C212	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C213	1-164-739-11	s	CAPACITOR CERAMIC 560PF (1608)
C214	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C215	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)

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Ref. No. or Q'ty	Part No.	SP Description
C216	1-164-315-11	s CAPACITOR,CERAMIC 470PF/50V CH
C217	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C218	1-162-919-11	s CAPACITOR,CERAMIC 22PF/50V CH
C219	1-162-919-11	s CAPACITOR,CERAMIC 22PF/50V CH
C220	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C221	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C222	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C223	1-165-112-11	s CAPACITOR,CERAMIC 0.33MF/16V F
C224	1-113-642-11	s CAPACITOR, TANTALUM 47MF/10V
C225	1-164-730-11	s CAPACITOR,CERAMIC 1200RF (M-)
C226	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C227	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C228	1-113-642-11	s CAPACITOR, TANTALUM 47MF/10V
C229	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C300	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C301	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C302	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C303	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C304	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C305	1-126-392-11	s CAPACITOR,CHIP ELECT100MF/6.3V
C306	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C307	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V
C308	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C309	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V
C310	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C311	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C312	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C313	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C314	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C315	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C316	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C317	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C401	*d 1-104-555-11	s CAPACITOR,CHIP FILM 0.022MF
C402	*d 1-104-539-11	s CAPACITOR, CHIP FILM 0.001MF
C403	*d 1-104-555-11	s CAPACITOR,CHIP FILM 0.022MF
C404	*d 1-104-555-11	s CAPACITOR,CHIP FILM 0.022MF
C405	*d 1-104-555-11	s CAPACITOR,CHIP FILM 0.022MF
C406	*d 1-104-539-11	s CAPACITOR, CHIP FILM 0.001MF
C602	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C605	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C606	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C607	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C608	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C609	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C610	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C611	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C612	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C613	1-111-253-11	s CAPACITOR TANTALUM 100MF/6.3V
C614	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C617	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C700	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C701	1-111-253-11	s CAPACITOR TANTALUM 100MF/6.3V
C702	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C703	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C704	1-162-921-11	s CAPACITOR,CERAMIC 33PF/50V CH
C705	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C706	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C707	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C708	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V

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Ref. No. or Q'ty	Part No.	SP Description
C709	1-135-210-11	s CAPACITOR,TANTALUM 4.7MF/10V
C710	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C711	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C712	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C713	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C714	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C800	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C801	1-111-253-11	s CAPACITOR TANTALUM 100MF/6.3V
C802	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C803	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C804	1-162-921-11	s CAPACITOR,CERAMIC 33PF/50V CH
C805	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C806	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C807	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C808	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C809	1-135-210-11	s CAPACITOR,TANTALUM 4.7MF/10V
C810	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C811	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C812	1-104-608-11	s CAPACITOR, ELECT 33MF/6.3V
C813	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C814	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C900	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C901	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C902	1-113-642-11	s CAPACITOR, TANTALUM 47MF/10V
C903	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C904	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C905	1-104-752-11	s CAPACITOR TANTALUM 33MF/6.3V
C907	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C908	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C909	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C910	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C911	1-165-176-11	s CAPACITOR,CERAMIC 47000PF/16V
C912	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C913	1-104-752-11	s CAPACITOR TANTALUM 33MF/6.3V
C914	1-104-852-11	s CAPACITOR,TANTALUM 22MF/10V
C915	1-113-642-11	s CAPACITOR, TANTALUM 47MF/10V
C916	1-126-395-11	s CAPACITOR,ELECT 22MF/16V(CHIP)
C917	*f 1-113-642-11	s CAPACITOR, TANTALUM 47MF/10V
*e	1-111-253-11	s TANTALUM, CHIP 100uF 20% 6.3V
C918	1-126-395-11	s CAPACITOR,ELECT 22MF/16V(CHIP)
C919	*f 1-113-642-11	s CAPACITOR, TANTALUM 47MF/10V
*e	1-111-253-11	s TANTALUM, CHIP 100uF 20% 6.3V
C920	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C921	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C922	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C923	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C930	1-126-395-11	s CAPACITOR,ELECT 22MF/16V(CHIP)
CN101	1-695-931-11	o CONNECTOR, FPC (10P)
CN102	1-778-651-11	o CONNECTOR, FFC (ZIF) 40P
CN103	1-778-651-11	o CONNECTOR, FFC (ZIF) 40P
CN104	1-778-651-11	o CONNECTOR, FFC (ZIF) 40P
CN105	1-580-056-21	o PIN,CONNECTOR 3P
CV200	1-141-345-11	s CAPACITOR,TRIMMER(CHIP) 40PF
D2	*o 8-719-059-49	s LED EBR3368S
*n	8-719-057-15	s DIODE EBR3368S-TP-J240K
D200	8-719-938-72	s DIODE SB01-05CP (RECTI)
D201	*q 8-719-106-23	s DIODE RD7.5M-B2
*p	8-719-106-22	s DIODE RD7.5M-B1
D202	8-719-105-90	s DIODE RD5.6M-B1

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Ref. No. or Q'ty	Part No.	SP	Description	
D203	8-719-106-61	s	DIODE RD11M-B1	
D204	8-719-105-90	s	DIODE RD5.6M-B1	
D205	8-719-059-52	s	DIODE MA3J14300LSO	
D206	8-719-059-52	s	DIODE MA3J14300LSO	
D207	8-719-105-28	s	DIODE RD2.4M-B	
D208	8-719-105-28	s	DIODE RD2.4M-B	
D209	8-719-987-41	s	LED CL-150Y-CD	
D210	8-719-987-41	s	LED CL-150Y-CD	
D211	8-719-987-41	s	LED CL-150Y-CD	
D212	8-719-987-41	s	LED CL-150Y-CD	
D213	8-719-987-41	s	LED CL-150Y-CD	
D214	8-719-987-41	s	LED CL-150Y-CD	
D215	8-719-987-41	s	LED CL-150Y-CD	
D216	8-719-987-41	s	LED CL-150Y-CD	
D300	8-719-938-72	s	DIODE SB01-05CP (RECTI)	
D301	8-719-938-72	s	DIODE SB01-05CP (RECTI)	
D302	8-719-938-72	s	DIODE SB01-05CP (RECTI)	
D303	8-719-059-51	s	DIODE MA3J142E0LSO	
D600	8-719-059-52	s	DIODE MA3J14300LSO	
D601	8-719-059-52	s	DIODE MA3J14300LSO	
D700	8-719-059-52	s	DIODE MA3J14300LSO	
D800	8-719-059-52	s	DIODE MA3J14300LSO	
D900	8-719-059-52	s	DIODE MA3J14300LSO	
D901	8-719-404-35	s	DIODE MA141WK	
D902	8-719-404-35	s	DIODE MA141WK	
D904	8-719-404-35	s	DIODE MA141WK	
D905	8-719-404-35	s	DIODE MA141WK	
D906	8-719-404-35	s	DIODE MA141WK	
E1	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
E2	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
E600	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
E900	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
IC1	*m 8-752-877-50	s	IC CXP901016-601Q	
	*k 8-752-869-83	s	IC CXP901P016Q-1-603	
	*e 8-752-858-61	s	IC CXP901P016Q-1	
IC2	8-759-523-84	s	IC TC74VHC14FT (EL)	
IC3	8-759-674-43	s	IC MM74HCT244SJX	
IC4	8-759-327-65	s	IC CXD8525N (E2)	
IC5	8-759-524-04	s	IC TC74VHC125FT (EL)	
IC200	*j 8-759-698-02	s	IC UPD78064GF-170-3BA	
	*i 8-759-439-32	s	IC UPD78064GF-058-3BA	
IC201	8-759-175-77	s	IC CXD8384Q	
IC202	8-759-289-80	s	IC LC75821W-DS	
IC203	*b 8-759-442-54	s	IC RH5RL50AA-T1	
	*a 8-759-948-48	s	IC RH5RA50A	
IC204	8-759-278-57	s	IC AK6420HF-E2	
IC205	8-759-035-93	s	IC SC7S32F	
IC206	8-759-209-57	s	IC TC4S69F	
IC207	*s 8-759-669-45	s	IC TL062CPWR-12	
	*r 8-759-173-16	s	IC TL062CPW	
IC208	8-759-745-64	s	IC NJM4560M	
IC209	8-759-082-60	s	IC TC7S66FU	
IC300	8-759-087-73	s	IC S-80745AN-D9-S	
IC301	8-759-504-40	s	IC S80741AL-A5	
IC302	*b 8-759-442-54	s	IC RH5RL50AA-T1	
	*a 8-759-948-48	s	IC RH5RA50A	
IC303	*b 8-759-442-54	s	IC RH5RL50AA-T1	
	*a 8-759-948-48	s	IC RH5RA50A	
IC600	8-759-111-56	s	IC UPC4572G2	

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Ref. No. or Q'ty	Part No.	SP	Description
IC601	8-759-009-07	s	IC MC14053BF
IC602	8-759-422-21	s	IC NJM4580VTE2
IC603	8-759-431-95	s	IC S-81230SGUP-DQB-T1
IC604	8-759-422-21	s	IC NJM4580VTE2
IC700	8-759-422-21	s	IC NJM4580VTE2
IC701	8-759-701-01	s	IC NJM2904M
IC702	8-759-111-56	s	IC UPC4572G2
IC703	8-759-422-21	s	IC NJM4580VTE2
IC704	8-759-422-21	s	IC NJM4580VTE2
IC705	8-759-082-61	s	IC TC4W53FU
IC800	8-759-422-21	s	IC NJM4580VTE2
IC801	8-759-082-61	s	IC TC4W53FU
IC802	8-759-111-56	s	IC UPC4572G2
IC804	8-759-422-21	s	IC NJM4580VTE2
IC900	8-759-530-28	s	IC TC4066BFT
IC901	8-759-745-64	s	IC NJM4560M
IC902	8-759-745-64	s	IC NJM4560M
IC904	8-759-431-97	s	IC NJM386M(Te2)
IC905	8-759-745-64	s	IC NJM4560M
L1	1-410-381-11	s	INDUCTOR,CHIP 10UH (3225)
L2	1-410-381-11	s	INDUCTOR,CHIP 10UH (3225)
L3	1-410-381-11	s	INDUCTOR,CHIP 10UH (3225)
L200	1-410-393-11	s	INDUCTOR,CHIP 100UH (3225)
L300	1-410-381-11	s	INDUCTOR,CHIP 10UH (3225)
L301	1-410-381-11	s	INDUCTOR,CHIP 10UH (3225)
L600	1-410-381-11	s	INDUCTOR,CHIP 10UH (3225)
L601	1-410-381-11	s	INDUCTOR,CHIP 10UH (3225)
L900	1-412-282-41	s	INDUCTOR,CHIP 470UH (3225)
ND200	1-801-621-11	o	DISPLAY, LCD
PH700	1-808-252-11	s	PHOTO COUPLER M30
Q1	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q2	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q3	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q4	8-729-106-60	s	TRANSISTOR 2SB1115A
Q5	8-729-042-52	s	TRANSISTOR IMT1AT108
Q6	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q7	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q8	8-729-929-73	s	TRANSISTOR UMG8-TL
Q9	8-729-929-73	s	TRANSISTOR UMG8-TL
Q10	8-729-927-74	s	TRANSISTOR UMG2
Q11	8-729-929-52	s	TRANSISTOR UMA9-TR
Q12	8-729-927-74	s	TRANSISTOR UMG2
Q13	8-729-029-13	s	TRANSISTOR DTC143ZUA-T106
Q14	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q17	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q18	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q19	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q200	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q201	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q202	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q203	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q204	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q205	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q300	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q301	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q302	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q303	8-729-142-90	s	TRANSISTOR 2SK853-K5

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Ref. No. or Q'ty	Part No.	SP	Description
Q304	8-729-042-52	s	TRANSISTOR IMT1AT108
Q305	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q306	8-729-907-26	s	TRANSISTOR IMX1
Q307	8-729-042-52	s	TRANSISTOR IMT1AT108
Q308	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q600	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q601	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q700	8-729-014-86	s	TRANSISTOR 2SC4207-YGR-TE85L
Q701	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q702	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q703	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q704	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q705	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q706	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q800	8-729-014-86	s	TRANSISTOR 2SC4207-YGR-TE85L
Q801	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q802	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q803	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q804	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q805	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q806	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q900	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q901	8-729-925-47	s	TRANSISTOR IMB2
Q902	*d 8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q903	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q904	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q905	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q906	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q907	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q908	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q909	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q910	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q911	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q912	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q913	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q914	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q915	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q916	8-729-209-07	s	TRANSISTOR 2SC4213-B
R1	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R2	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R3	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R4	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R5	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R6	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R7	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R8	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R9	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R10	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R11	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R12	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R13	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R14	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R15	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R16	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R17	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R18	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R19	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R20	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R21	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R22	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R23	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R24	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R25	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R26	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R27	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R28	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R29	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R30	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R31	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R32	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R33	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R34	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R35	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R36	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R37	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R38	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R39	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R40	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R41	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R42	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R43	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R44	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R45	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R46	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R47	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R48	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R50	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R52	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R53	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R54	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R55	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R56	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R57	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R58	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R66	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R67	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R68	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R69	1-216-816-11	s	RESISTOR, CHIP 390 1/16W 1608
R70	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R71	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R72	1-216-820-11	s	RESISTOR, CHIP 820 1/16W 1608
R73	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R74	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R75	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R76	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R77	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R78	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R79	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R80	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R81	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R82	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R83	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R84	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R85	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R86	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R87	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R88	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP Description
R89	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R90	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R91	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R92	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R93	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R94	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R95	1-216-855-11	s RESISTOR, CHIP 680K 1/16W 1608
R96	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R97	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R98	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R99	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R100	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R101	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R102	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R103	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R104	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R105	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R106	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R107	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R108	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R109	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R200	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R201	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R202	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R203	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R204	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R205	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R206	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R207	1-216-851-11	s RESISTOR,CHIP 330K 1/16W 1608
R208	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R209	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R210	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R211	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R212	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R213	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R214	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R215	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R216	1-216-861-11	s RESISTOR,CHIP 2.2M 1/16W 1608
R217	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R218	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R219	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R220	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R221	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R222	1-216-838-11	s RESISTOR CHIP 27K 1/16W(1608)
R223	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R224	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R225	1-216-838-11	s RESISTOR CHIP 27K 1/16W(1608)
R226	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R227	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R228	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R229	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R230	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R231	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R232	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R233	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R234	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R235	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R236	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R237	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R238	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R239	1-218-735-11	s RESISTOR CHIP 62K 1/16W(1608)
R240	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R241	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R242	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R243	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R244	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R245	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R246	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R247	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R248	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R249	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R250	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R251	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R252	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R253	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R254	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R255	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R256	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R257	1-218-727-11	s RESISTOR,CHIP 30K 1/16W(1608)
R258	1-218-703-11	s RESISTOR,CHIP 3.0K 1/16(1608)
R259	1-218-696-11	s RESISTOR,CHIP 1.5K 1/16W(1608)
R260	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R261	1-218-665-11	s RESISTOR,CHIP 75 1/16W (1608)
R262	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R263	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R264	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R265	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R266	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R267	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R268	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R269	1-218-725-11	s RESISTOR,CHIP 24K 1/16W(1608)
R270	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R271	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R272	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R273	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R274	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R275	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R276	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R277	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R278	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R279	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R280	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R281	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R282	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R283	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R300	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R301	1-216-843-11	s RESISTOR,CHIP 68K 1/16W (1608)
R302	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R303	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R304	1-216-861-11	s RESISTOR,CHIP 2.2M 1/16W 1608
R305	1-216-861-11	s RESISTOR,CHIP 2.2M 1/16W 1608
R306	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R307	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R308	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R309	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R310	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R311	1-216-851-11	s RESISTOR,CHIP 330K 1/16W 1608
R312	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP Description
R313	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R314	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R315	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R316	1-216-852-11	s RESISTOR,CHIP 390K 1/16W 1608
R317	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R318	1-216-838-11	s RESISTOR,CHIP 27K 1/16W(1608)
R319	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R320	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R321	1-216-855-11	s RESISTOR,CHIP 680K 1/16W 1608
R322	1-216-855-11	s RESISTOR,CHIP 680K 1/16W 1608
R323	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R324	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R325	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R326	1-216-797-11	s RESISTOR,CHIP 10 1/16W 1608
R327	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R402	*d 1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R403	*d 1-218-732-11	s RESISTOR,CHIP 47K 1/16W(1608)
R404	*d 1-218-732-11	s RESISTOR,CHIP 47K 1/16W(1608)
R405	*d 1-218-732-11	s RESISTOR,CHIP 47K 1/16W(1608)
R406	*d 1-218-732-11	s RESISTOR,CHIP 47K 1/16W(1608)
R407	*d 1-218-665-11	s RESISTOR,CHIP 75 1/16W (1608)
R408	*d 1-218-690-11	s RESISTOR,CHIP 820 1/16W (1608)
R600	1-218-740-11	s RESISTOR,CHIP 100K 1/16W(1608)
R601	1-218-740-11	s RESISTOR,CHIP 100K 1/16W(1608)
R602	1-218-672-11	s RESISTOR,CHIP 150 1/16W(1608)
R604	1-218-708-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R605	1-218-708-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R606	1-218-740-11	s RESISTOR,CHIP 100K 1/16W(1608)
R607	1-218-740-11	s RESISTOR,CHIP 100K 1/16W(1608)
R608	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R609	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R610	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R611	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R612	*o 1-218-885-11	s RESISTOR,CHIP 39K 1/16W (1608)
	*n 1-216-840-11	s METAL,CHIP 39K 5% 1/16W
R613	1-216-846-11	s RESISTOR,CHIP 120K 1/16W (1608)
R614	*o 1-218-907-11	s RESISTOR,CHIP 330K 1/16W(1608)
	*n 1-216-851-11	s METAL,CHIP 330K 5% 1/16W
R616	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R619	1-218-694-11	s RESISTOR,CHIP 1.2K1/16W(1608)
R620	1-218-694-11	s RESISTOR,CHIP 1.2K1/16W(1608)
R621	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R622	*c 1-216-864-11	s METAL,CHIP 0 5% 1/16W
R638	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R639	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R640	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R641	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R642	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R643	1-218-703-11	s RESISTOR,CHIP 3.0K 1/16(1608)
R700	1-218-693-11	s RESISTOR,CHIP 1.1K 1/16W(1608)
R701	1-218-693-11	s RESISTOR,CHIP 1.1K 1/16W(1608)
R702	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R703	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R704	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R705	1-218-711-11	s RESISTOR,METAL 6.2K 1/16W
R706	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R707	1-218-708-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R708	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R709	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608

(FP-81 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R710	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R711	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R712	1-218-684-11	s RESISTOR,CHIP 470 1/16W (1608)
R713	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R714	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R715	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R716	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R717	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R718	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R719	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R720	1-218-723-11	s RESISTOR,CHIP 20K 1/16W(1608)
R721	1-218-684-11	s RESISTOR,CHIP 470 1/16W (1608)
R722	1-218-708-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R723	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R724	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R725	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R726	1-218-723-11	s RESISTOR,CHIP 20K 1/16W(1608)
R727	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R728	1-218-723-11	s RESISTOR,CHIP 20K 1/16W(1608)
R729	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R730	1-218-702-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R731	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R732	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R733	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R734	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R735	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R736	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R738	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R739	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R742	*d 1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R800	1-218-693-11	s RESISTOR,CHIP 1.1K 1/16W(1608)
R801	1-218-693-11	s RESISTOR,CHIP 1.1K 1/16W(1608)
R802	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R803	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R804	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R805	1-218-711-11	s RESISTOR,METAL 6.2K 1/16W
R806	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R807	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R812	1-218-684-11	s RESISTOR,CHIP 470 1/16W (1608)
R813	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R814	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R815	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R816	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R817	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R818	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R819	1-216-801-11	s RESISTOR,CHIP 22 1/16W (1608)
R820	1-218-723-11	s RESISTOR,CHIP 20K 1/16W(1608)
R821	1-218-684-11	s RESISTOR,CHIP 470 1/16W (1608)
R822	1-218-708-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R823	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R824	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R825	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R826	1-218-723-11	s RESISTOR,CHIP 20K 1/16W(1608)
R827	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R828	1-218-723-11	s RESISTOR,CHIP 20K 1/16W(1608)
R829	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R830	1-218-702-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R831	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R832	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)

(FP-81 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R833	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R834	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R835	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R839	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R841	*d 1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R900	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R901	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R902	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R903	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R904	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R905	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R906	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R907	1-218-702-11	s	RESISTOR,CHIP 2.7K 1/16W (1608)
R908	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R909	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R910	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R911	1-218-722-11	s	RESISTOR,CHIP 18K 1/16W 1608
R912	1-218-726-11	s	RESISTOR CHIP 27K 1/16W (1608)
R913	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R914	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R915	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R916	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R917	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R918	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R919	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R920	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R922	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R923	*c 1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R926	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R927	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R928	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R929	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R930	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R931	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R932	*h 1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
	*g 1-218-704-11	s	METAL, CHIP 3.3K 0.50% 1/16W
R933	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R934	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R935	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R936	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R937	*h 1-216-793-11	s	RESISTOR,CHIP 4.7 1/16W 1608
	*g 1-216-799-11	s	METAL, CHIP 15 5% 1/16W
R938	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R940	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R941	*c 1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R944	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R945	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R946	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R947	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R948	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R949	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R951	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R952	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R953	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R954	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R955	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R956	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R957	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R958	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

(FP-81 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R959	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R960	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R962	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
RB1	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB2	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB5	1-239-444-11	s	NETWORK,RESISTOR 220K (1608)
RB7	1-239-444-11	s	NETWORK,RESISTOR 220K (1608)
RB8	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB10	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB11	1-239-444-11	s	NETWORK,RESISTOR 220K (1608)
RB12	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB13	1-239-444-11	s	NETWORK,RESISTOR 220K (1608)
RB14	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB15	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB16	1-239-444-11	s	NETWORK,RESISTOR 220K (1608)
RB202	1-239-711-11	s	NETWORK, RESISTOR 0 (1608)
RB203	1-239-310-11	s	RESISTOR ARRAY, CHIP 220K
RB204	1-239-310-11	s	RESISTOR ARRAY, CHIP 220K
RB207	1-239-444-11	s	NETWORK,RESISTOR 220K (1608)
RB208	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB209	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB210	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB211	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB212	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RV600	1-223-278-11	s	RESISTER ADJ,100K
RV700	1-230-337-11	s	RESISTOR,VAR,CARBON 10K .
RV800	1-230-337-11	s	RESISTOR,VAR,CARBON 10K .
RV900	1-230-337-11	s	RESISTOR,VAR,CARBON 10K .
RV901	1-230-337-11	s	RESISTOR,VAR,CARBON 10K .
RV902	1-223-276-11	s	RESISTOR,ADJ, 22K
RV903	1-223-276-11	s	RESISTOR,ADJ, 22K
S1	1-570-909-11	s	SWITCH, TACTIL (REFLOW TYPE)
S2	1-570-909-11	s	SWITCH, TACTIL (REFLOW TYPE)
S3	1-570-909-11	s	SWITCH, TACTIL (REFLOW TYPE)
S4	1-570-909-11	s	SWITCH, TACTIL (REFLOW TYPE)
S5	1-570-838-11	s	SWITCH,SLIDE (2-2-2)
S6	1-570-832-11	s	SWITCH,SLIDE (2-2-3)
S7	1-570-832-11	s	SWITCH,SLIDE (2-2-3)
S200	1-570-832-11	s	SWITCH,SLIDE (2-2-3)
S201	1-570-909-11	s	SWITCH, TACTIL (REFLOW TYPE)
S203	1-570-838-11	s	SWITCH,SLIDE (2-2-2)
S700	1-570-838-11	s	SWITCH,SLIDE (2-2-2)
S702	1-570-838-11	s	SWITCH,SLIDE (2-2-2)
S800	1-570-838-11	s	SWITCH,SLIDE (2-2-2)
S802	1-570-838-11	s	SWITCH,SLIDE (2-2-2)
S900	1-570-832-11	s	SWITCH,SLIDE (2-2-3)
TP1	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP2	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP200	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP201	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP700	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP800	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP900	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP901	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP902	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X1	1-760-655-21	s	VIBRATOR, CRYSTAL
X2	1-760-655-21	s	VIBRATOR, CRYSTAL

(FP-81 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
X200	1-579-843-11	s OSCILLATOR, CRYSTAL
X201	1-760-458-11	s VIBRATOR, CRYSTAL
X202	1-760-272-11	s VIBRATOR, CRYSTAL

HN-227 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-853-A	o MOUNTED CIRCUIT BOARD, HN-227
C1	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C2	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C3	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
CN511	1-778-647-11	o CONNECTOR, FFC (ZIF) 15P
CN512	1-778-647-11	o CONNECTOR, FFC (ZIF) 15P
CN513	1-766-654-21	s CONNECTOR, FFC/FPC 18P
CN514	1-778-646-11	o CONNECTOR, FFC (ZIF) 10P
CN515	1-764-520-11	s CONNECTOR, FFC/FPC (ZIF) 11P
CN516	1-695-320-21	o PIN, CONNECTOR(1.5MM)SMD 2P
CN517	1-695-320-21	o PIN, CONNECTOR(1.5MM)SMD 2P
IC1	8-759-469-26	s IC AK6480AF (E2)
R1	1-216-025-91	s RESISTOR,CHIP 100 1/10W(2125)
R2	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
RB1	1-239-444-11	s NETWORK,RESISTOR 220K (1608)

IF-553 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-845-A	o MOUNTED CIRCUIT BOARD, IF-553
CN601	1-566-581-11	s RECEPTACLE,MULTI CONNECTOR 50P

IF-631 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-662-873-11	o PRINTED WIRING BOARD, IF-631
CN603	1-565-879-11	s PIN,CONNECTOR 7P
CN604	1-566-762-11	o PIN,CONNECTOR(PC BOARD)7P

IPM-66 BOARD

*a: Lot No. 605 - 700
 *b: Lot No. 701 -
 *c: Lot No. 605 - 703
 *d: Lot No. 704 -
 *e: Lot No. 605 - 709
 *f: Lot No. 710 -
 *g: Lot No. 605 - 802
 *h: Lot No. 803 -
 *i: Lot No. 605 - 001
 *j: Lot No. 002 -
 *k: Lot No. 605 - 710

Ref. No. or Q'ty	Part No.	SP Description
C101	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C102	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C103	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C104	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C105	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C106	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C107	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C108	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C109	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C110	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C111	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C112	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C113	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C114	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C115	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C116	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C117	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C118	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C120	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C121	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C122	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C123	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C124	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C125	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C126	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C127	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C128	1-162-912-11	s CAPACITOR,CERAMIC 7PF/50V 1608
C129	1-162-912-11	s CAPACITOR,CERAMIC 7PF/50V 1608
C130	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C131	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C132	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C133	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C134	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C135	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C136	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C137	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C138	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C139	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C140	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C141	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C142	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C143	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C144	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C145	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C146	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C147	1-162-962-11	s CAPACITOR,CERAMIC 470PF/50V(B)
C148	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C149	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C201	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C202	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C203	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C205	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C206	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C207	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C209	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C210	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C211	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C213	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C214	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C215	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C217	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C218	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C219	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C221	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C222	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C223	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C225	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C226	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C227	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C229	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C230	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C231	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C232	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C233	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C234	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C235	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C236	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C301	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C302	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C303	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C305	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C306	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C307	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C309	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C310	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C311	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C313	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C314	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C315	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C317	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C318	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C319	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C321	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C322	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C323	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C325	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C326	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C327	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C329	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C330	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C331	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C332	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C333	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C334	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C335	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
E101	*d 1-535-877-22	s	CHIP, CHECKER

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Ref. No. or Q'ty	Part No.	SP	Description
E102	*c 1-535-757-11	s	CHIP, CHECKER
	*d 1-535-877-22	s	CHIP, CHECKER
	*c 1-535-757-11	s	CHIP, CHECKER
IC101	8-759-427-29	s	IC CXD8635Q
IC102	8-759-647-54	s	IC M5M5256DVP-10VXV
IC103	*b 8-752-877-51	s	IC CXP901016-602Q
	*a 8-752-858-61	s	IC CXP901P016Q-1
IC105	*j 8-759-392-77	s	IC SN74LVC245APW (E20)
	*i 8-759-392-79	s	IC SN74LVC245APW-E05
IC106	8-759-392-81	s	IC SN74LVC16245ADGGR
IC108	*j 8-759-392-77	s	IC SN74LVC245APW (E20)
	*i 8-759-392-79	s	IC SN74LVC245APW-E05
IC109	*j 8-759-392-77	s	IC SN74LVC245APW (E20)
	*i 8-759-392-79	s	IC SN74LVC245APW-E05
IC110	8-759-392-81	s	IC SN74LVC16245ADGGR
IC113	8-759-428-03	s	IC MAX793SCSE
IC114	8-759-491-46	s	IC TC74VHC04AFT (EL)
IC115	8-759-523-95	s	IC TC74VHC74FT(EL)
IC116	8-759-523-95	s	IC TC74VHC74FT(EL)
IC201	8-759-829-15	s	IC K6T1008V2E-TB70
IC202	8-759-829-15	s	IC K6T1008V2E-TB70
IC203	8-759-829-15	s	IC K6T1008V2E-TB70
IC204	8-759-829-15	s	IC K6T1008V2E-TB70
IC205	8-759-829-15	s	IC K6T1008V2E-TB70
IC206	8-759-829-15	s	IC K6T1008V2E-TB70
IC207	8-759-829-15	s	IC K6T1008V2E-TB70
IC208	8-759-829-15	s	IC K6T1008V2E-TB70
IC209	8-759-829-15	s	IC K6T1008V2E-TB70
IC210	8-759-829-15	s	IC K6T1008V2E-TB70
IC211	8-759-829-15	s	IC K6T1008V2E-TB70
IC212	8-759-829-15	s	IC K6T1008V2E-TB70
IC213	8-759-829-15	s	IC K6T1008V2E-TB70
IC214	8-759-829-15	s	IC K6T1008V2E-TB70
IC216	8-759-524-49	s	IC TC74VHC540FT (EL)
IC301	8-759-829-15	s	IC K6T1008V2E-TB70
IC302	8-759-829-15	s	IC K6T1008V2E-TB70
IC303	8-759-829-15	s	IC K6T1008V2E-TB70
IC304	8-759-829-15	s	IC K6T1008V2E-TB70
IC305	8-759-829-15	s	IC K6T1008V2E-TB70
IC306	8-759-829-15	s	IC K6T1008V2E-TB70
IC307	8-759-829-15	s	IC K6T1008V2E-TB70
IC308	8-759-829-15	s	IC K6T1008V2E-TB70
IC309	8-759-829-15	s	IC K6T1008V2E-TB70
IC310	8-759-829-15	s	IC K6T1008V2E-TB70
IC311	8-759-829-15	s	IC K6T1008V2E-TB70
IC312	8-759-829-15	s	IC K6T1008V2E-TB70
IC313	8-759-829-15	s	IC K6T1008V2E-TB70
IC314	8-759-829-15	s	IC K6T1008V2E-TB70
L101	1-414-398-11	s	INDUCTOR (SMD) 10UH
L102	1-414-398-11	s	INDUCTOR (SMD) 10UH
L103	1-414-398-11	s	INDUCTOR (SMD) 10UH
L104	1-414-398-11	s	INDUCTOR (SMD) 10UH
L105	1-414-398-11	s	INDUCTOR (SMD) 10UH
L106	1-414-398-11	s	INDUCTOR (SMD) 10UH
L107	1-414-398-11	s	INDUCTOR (SMD) 10UH
L108	1-414-398-11	s	INDUCTOR (SMD) 10UH
L201	1-414-398-11	s	INDUCTOR (SMD) 10UH
L203	1-414-398-11	s	INDUCTOR (SMD) 10UH

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Ref. No. or Q'ty	Part No.	SP	Description
L205	1-414-398-11	s	INDUCTOR (SMD) 10UH
L207	1-414-398-11	s	INDUCTOR (SMD) 10UH
L209	1-414-398-11	s	INDUCTOR (SMD) 10UH
L211	1-414-398-11	s	INDUCTOR (SMD) 10UH
L213	1-414-398-11	s	INDUCTOR (SMD) 10UH
L215	1-414-398-11	s	INDUCTOR (SMD) 10UH
L216	1-414-398-11	s	INDUCTOR (SMD) 10UH
L301	1-414-398-11	s	INDUCTOR (SMD) 10UH
L303	1-414-398-11	s	INDUCTOR (SMD) 10UH
L305	1-414-398-11	s	INDUCTOR (SMD) 10UH
L307	1-414-398-11	s	INDUCTOR (SMD) 10UH
L309	1-414-398-11	s	INDUCTOR (SMD) 10UH
L311	1-414-398-11	s	INDUCTOR (SMD) 10UH
L313	1-414-398-11	s	INDUCTOR (SMD) 10UH
L315	1-414-398-11	s	INDUCTOR (SMD) 10UH
L316	1-414-398-11	s	INDUCTOR (SMD) 10UH
Q101	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q102	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q103	8-729-141-48	s	TRANSISTOR 2SB624-BV345
R101	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R102	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R103	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R104	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R105	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R106	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R107	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R108	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R110	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R111	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R112	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R116	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R117	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R118	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R119	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R120	*e 1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R121	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R122	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R123	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R124	*f 1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
	*e 1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R126	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R127	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R130	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R131	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R132	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R133	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R134	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R135	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R136	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R137	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R138	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R139	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R140	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R149	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R151	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R201	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R202	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R203	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description				
R204	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R205	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R206	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R207	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R208	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R209	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R210	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R211	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R212	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R213	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R214	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R215	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R216	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R217	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R218	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R219	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R220	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R221	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R222	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R223	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R224	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R225	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R226	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R227	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R228	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R229	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R230	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R231	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R232	1-216-805-11	s	RESISTOR,CHIP	47	1/16W	1608	
R235	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R237	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R238	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R239	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R240	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R241	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R251	*g 1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R252	*h 1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R253	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R254	1-216-809-11	s	RESISTOR,CHIP	100	1/16W	1608	
R255	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R260	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R261	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R262	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R264	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R302	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R303	1-216-864-11	s	RESISTOR,CHIP	0	1/16W	(1608)	
R304	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R305	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R306	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R307	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R308	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R309	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R310	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R311	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R312	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R313	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R314	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R315	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	
R316	1-216-849-11	s	RESISTOR,CHIP	220K	1/16W	1608	

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Ref. No. or Q'ty	Part No.	SP	Description
R317	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R318	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R319	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R320	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R321	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R322	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R323	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R324	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R325	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R326	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R327	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R328	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R329	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R330	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R331	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R332	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R333	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R334	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R343	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R344	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
RB101	1-239-711-11	s	NETWORK, RESISTOR 0 (1608)
RB102	1-239-711-11	s	NETWORK, RESISTOR 0 (1608)
RB103	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB104	1-239-310-11	s	RESISTOR ARRAY, CHIP 220K
RB105	1-239-310-11	s	RESISTOR ARRAY, CHIP 220K
RB106	1-239-310-11	s	RESISTOR ARRAY, CHIP 220K
RB201	1-239-711-11	s	NETWORK, RESISTOR 0 (1608)
RB202	*h 1-239-711-11	s	NETWORK, RESISTOR 0 (1608)
RB203	*h 1-239-711-11	s	NETWORK, RESISTOR 0 (1608)
RB301	*h 1-239-711-11	s	NETWORK, RESISTOR 0 (1608)
RB302	*h 1-239-711-11	s	NETWORK, RESISTOR 0 (1608)
TP101	*k 1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP102	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP103	*k 1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP104	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP105	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP106	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP107	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP108	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP109	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP110	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP111	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP201	*k 1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP202	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP203	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP204	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP205	*k 1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP206	*k 1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP207	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP301	*k 1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP302	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP303	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP304	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP305	*k 1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X101	1-760-655-21	s	VIBRATOR, CRYSTAL

IV-50 BOARD (DSR-1)

*a: Lot No. 605 - 610
 *b: Lot No. 611 -
 *c: Lot No. 605 - 612
 *d: Lot No. 701 -
 *e: Lot No. 605 - 703
 *f: Lot No. 704 -
 *g: Lot No. 605 - 912
 *h: Lot No. 001 -

Ref. No.
 or Q'ty Part No. SP Description

1pc A-8277-837-A o MOUNTED CIRCUIT BOARD, IV-50

C1	*d 1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
	*c 1-111-253-11	s	CAPACITOR, TANTALUM 100MF/6.3V
C2	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C3	*d 1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
	*c 1-111-253-11	s	CAPACITOR, TANTALUM 100MF/6.3V
C4	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C5	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C6	1-113-500-11	s	CAPACITOR TANTALUM 100MF/10V
C7	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C8	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C9	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C10	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C11	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C12	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C13	1-135-149-21	s	CAPACITOR TANTALUM 2.2MF/10V
C14	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C15	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C16	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C17	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C19	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C20	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C21	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C22	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C51	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C52	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C53	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C54	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C57	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C59	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C60	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C63	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C64	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C65	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C67	*d 1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
	*c 1-111-253-11	s	CAPACITOR, TANTALUM 100MF/6.3V
C68	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C69	*d 1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
	*c 1-111-253-11	s	CAPACITOR, TANTALUM 100MF/6.3V
C70	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C71	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C101	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C102	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C103	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C104	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C107	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C109	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C110	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C111	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C112	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V

(IV-50 BOARD (DSR-1))

Ref. No. or Q'ty	Part No.	SP Description
C114	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C115	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
CN406	1-691-906-31	s CONNECTOR, BOARD TO BOARD 16P
CN407	1-691-906-31	s CONNECTOR, BOARD TO BOARD 16P
D1	8-719-059-52	s DIODE MA3J14300LSO
D51	8-719-059-52	s DIODE MA3J14300LSO
D101	8-719-059-52	s DIODE MA3J14300LSO
E1	*f 1-535-877-22	o CHIP, CHECKER
	*e 1-535-757-11	s CHIP, CHECKER
FL1	1-233-614-11	s FILTER, LOW PASS
FL51	1-233-598-11	s FILTER, LOW PASS
FL101	1-233-598-11	s FILTER, LOW PASS
IC1	8-752-054-80	s IC CXA1521M
IC2	*h 8-759-669-74	s IC TL084CPWR-12
	*g 8-759-287-54	s IC TL084CPWR
IC3	8-759-082-61	s IC TC4W53FU
IC4	8-759-058-58	s IC TC7S04FU-TE85R
IC51	8-759-327-01	s IC NJM062V-TE2
IC52	8-752-054-80	s IC CXA1521M
IC53	8-759-082-61	s IC TC4W53FU
IC101	8-752-054-80	s IC CXA1521M
IC102	8-759-082-61	s IC TC4W53FU
L1	1-414-402-11	s INDUCTOR (SMD) 47UH
L2	1-414-402-11	s INDUCTOR (SMD) 47UH
L3	1-414-404-11	s INDUCTOR (SMD) 100UH
L51	1-414-402-11	s INDUCTOR (SMD) 47UH
L52	1-414-402-11	s INDUCTOR (SMD) 47UH
Q1	8-729-927-59	s TRANSISTOR UMZ1
Q2	8-729-927-62	s TRANSISTOR UMX1
Q4	8-729-905-35	s TRANSISTOR 2SC4081-R
Q8	8-729-927-59	s TRANSISTOR UMZ1
Q51	8-729-927-59	s TRANSISTOR UMZ1
Q52	8-729-905-35	s TRANSISTOR 2SC4081-R
Q53	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q54	8-729-422-44	s TRANSISTOR 2SK663
Q55	8-729-422-44	s TRANSISTOR 2SK663
Q56	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q57	8-729-907-26	s TRANSISTOR IMX1
Q58	8-729-927-62	s TRANSISTOR UMX1
Q59	8-729-905-35	s TRANSISTOR 2SC4081-R
Q60	8-729-905-35	s TRANSISTOR 2SC4081-R
Q61	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q101	8-729-927-59	s TRANSISTOR UMZ1
Q102	8-729-905-35	s TRANSISTOR 2SC4081-R
Q103	8-729-927-74	s TRANSISTOR UMG2
Q104	8-729-422-44	s TRANSISTOR 2SK663
Q105	8-729-422-44	s TRANSISTOR 2SK663
Q106	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q107	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q108	8-729-927-62	s TRANSISTOR UMX1
Q109	8-729-905-35	s TRANSISTOR 2SC4081-R
Q110	8-729-905-35	s TRANSISTOR 2SC4081-R
Q111	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q112	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q113	8-729-907-26	s TRANSISTOR IMX1
Q114	8-729-045-28	s TRANSISTOR SI4532DY-T1

(IV-50 BOARD (DSR-1))

Ref. No. or Q'ty	Part No.	SP Description
R2	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R3	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R4	1-216-824-11	s RESISTOR, CHIP 1.8K 1/16W 1608
R5	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R6	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R7	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R8	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R9	1-218-674-11	s RESISTOR CHIP 180 1/16W (1608)
R10	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R11	1-218-670-11	s RESISTOR,CHIP 120 1/16W (1608)
R12	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R13	1-218-687-11	s RESISTOR CHIP 620 1/16W (1608)
R14	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R15	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R16	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R17	1-216-836-11	s RESISTOR, CHIP 18K 1/16W 1608
R22	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R23	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R24	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R25	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R26	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R27	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R28	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R29	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R30	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R31	1-218-728-11	s RESISTOR,CHIP 33K 1/16W
R32	*b 1-218-704-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
	*a 1-218-705-11	s RESISTOR,CHIP 3.6K 1/16W(1608)
R34	1-218-708-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R34	1-218-728-11	s RESISTOR,CHIP 33K 1/16W
R35	1-218-728-11	s RESISTOR,CHIP 33K 1/16W
R36	1-216-832-11	s RESISTOR,CHIP 8.2K 1/16W 1608
R38	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R39	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R42	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R44	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R45	*b 1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
	*a 1-218-720-11	s RESISTOR CHIP 15K 1/16W (1608)
R46	1-218-728-11	s RESISTOR,CHIP 33K 1/16W
R51	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R52	1-218-720-11	s RESISTOR,CHIP 15K 1/16W(1608)
R53	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R54	1-218-702-11	s RESISTOR CHIP 2.7K 1/16W(1608)
R55	1-216-830-11	s RESISTOR,CHIP 5.6K 1/16W 1608
R56	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R57	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R58	1-216-824-11	s RESISTOR, CHIP 1.8K 1/16W 1608
R59	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R61	*a 1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R62	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R63	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R64	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R65	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R66	1-216-832-11	s RESISTOR,CHIP 8.2K 1/16W 1608
R67	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R68	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R69	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R70	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R71	1-218-676-11	s RESISTOR,CHIP 220 1/16W(1608)



(IV-50 BOARD (DSR-1))

Ref. No. or Q'ty	Part No.	SP	Description
R72	1-218-674-11	s	RESISTOR,CHIP 180 1/16W (1608)
R73	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R74	1-218-690-11	s	RESISTOR,CHIP 820 1/16W (1608)
R75	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R76	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R77	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R78	1-218-702-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R80	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R81	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R82	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R86	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R87	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R89	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R101	1-218-690-11	s	RESISTOR,CHIP 820 1/16W (1608)
R102	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R103	1-218-718-11	s	RESISTOR,CHIP 12K 1/16W (1608)
R104	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R105	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R106	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R107	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R108	1-216-824-11	s	RESISTOR, CHIP 1.8K 1/16W 1608
R109	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R111	*a 1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R112	1-218-680-11	s	RESISTOR,CHIP 330 1/16W(1608)
R113	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R114	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R115	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R116	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R117	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R118	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R119	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R120	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R121	1-218-674-11	s	RESISTOR,CHIP 180 1/16W (1608)
R122	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R123	1-218-690-11	s	RESISTOR,CHIP 820 1/16W (1608)
R124	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R125	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R126	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R127	1-218-702-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R129	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R130	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R131	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R132	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R133	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R134	1-216-832-11	s	RESISTOR,CHIP 8.2K 1/16W 1608
R135	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R136	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R137	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R138	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R139	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
RV51	1-238-854-11	s	RESISTOR,ADJ 2.2K (CERMET)
RV101	1-238-854-11	s	RESISTOR,ADJ 2.2K (CERMET)
TP1	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP51	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP151	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)

IV-50P BOARD (DSR-1P)

*a: Lot No. 605 - 610
 *b: Lot No. 611 -
 *c: Lot No. 605 - 612
 *d: Lot No. 701 -
 *e: Lot No. 605 - 703
 *f: Lot No. 704 -
 *g: Lot No. 605 - 912
 *h: Lot No. 001 -

Ref. No.
 or Q'ty Part No. SP Description

lpc	A-8277-838-A	o	MOUNTED CIRCUIT BOARD, IV-50P
C1	*d 1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
	*c 1-111-253-11	s	CAPACITOR, TANTALUM 100MF/6.3V
C2	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C3	*d 1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
	*c 1-111-253-11	s	CAPACITOR, TANTALUM 100MF/6.3V
C4	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C5	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C6	1-113-500-11	s	CAPACITOR TANTALUM 100MF/10V
C7	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C8	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C9	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C10	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C11	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C12	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C13	1-135-149-21	s	CAPACITOR TANTALUM 2.2MF/10V
C14	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C15	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C16	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C17	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C19	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C20	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C21	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C22	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C51	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C52	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C53	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C54	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C57	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C59	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C63	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C64	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C65	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C67	*d 1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
	*c 1-111-253-11	s	CAPACITOR, TANTALUM 100MF/6.3V
C68	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C69	*d 1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
	*c 1-111-253-11	s	CAPACITOR, TANTALUM 100MF/6.3V
C70	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C101	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C102	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C103	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C104	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C107	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C109	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C110	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C112	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C114	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
CN406	1-691-906-31	s	CONNECTOR, BOARD TO BOARD 16P
CN407	1-691-906-31	s	CONNECTOR, BOARD TO BOARD 16P

(IV-50P BOARD (DSR-1P))

Ref. No. or Q'ty	Part No.	SP Description
D1	8-719-059-52	s DIODE MA3J14300LSO
D51	8-719-059-52	s DIODE MA3J14300LSO
D101	8-719-059-52	s DIODE MA3J14300LSO
E1	*f 1-535-877-22	o CHIP, CHECKER
	*e 1-535-757-11	s CHIP, CHECKER
FL1	1-233-614-11	s FILTER, LOW PASS
FL51	1-233-599-11	s FILTER, LOW PASS
FL101	1-233-599-11	s FILTER, LOW PASS
IC1	8-752-054-80	s IC CXA1521M
IC2	*h 8-759-669-74	s IC TL084CPWR-12
	*g 8-759-287-54	s IC TL084CPWR
IC3	8-759-082-61	s IC TC4W53FU
IC4	8-759-058-58	s IC TC7S04FU-TE85R
IC51	8-759-327-01	s IC NJM062V-TE2
IC52	8-752-054-80	s IC CXA1521M
IC101	8-752-054-80	s IC CXA1521M
L1	1-414-402-11	s INDUCTOR (SMD) 47UH
L2	1-414-402-11	s INDUCTOR (SMD) 47UH
L3	1-414-404-11	s INDUCTOR (SMD) 100UH
L51	1-414-402-11	s INDUCTOR (SMD) 47UH
L52	1-414-402-11	s INDUCTOR (SMD) 47UH
Q1	8-729-927-59	s TRANSISTOR UMZ1
Q2	8-729-927-62	s TRANSISTOR UMX1
Q004	8-729-905-35	s TRANSISTOR 2SC4081-R
Q8	8-729-927-59	s TRANSISTOR UMZ1
Q51	8-729-927-59	s TRANSISTOR UMZ1
Q52	8-729-905-35	s TRANSISTOR 2SC4081-R
Q53	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q54	8-729-422-44	s TRANSISTOR 2SK663
Q55	8-729-422-44	s TRANSISTOR 2SK663
Q56	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q57	8-729-907-26	s TRANSISTOR IMX1
Q58	8-729-927-62	s TRANSISTOR UMX1
Q59	8-729-905-35	s TRANSISTOR 2SC4081-R
Q60	8-729-905-35	s TRANSISTOR 2SC4081-R
Q61	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q101	8-729-927-59	s TRANSISTOR UMZ1
Q102	8-729-905-35	s TRANSISTOR 2SC4081-R
Q103	8-729-927-74	s TRANSISTOR UMG2
Q104	8-729-422-44	s TRANSISTOR 2SK663
Q105	8-729-422-44	s TRANSISTOR 2SK663
Q106	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q107	8-729-028-91	s TRANSISTOR DTA144EUA-T106
Q108	8-729-927-62	s TRANSISTOR UMX1
Q109	8-729-905-35	s TRANSISTOR 2SC4081-R
Q110	8-729-905-35	s TRANSISTOR 2SC4081-R
Q111	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q112	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q113	8-729-907-26	s TRANSISTOR IMX1
Q114	8-729-045-28	s TRANSISTOR SI4532DY-T1
R2	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R3	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R4	1-216-824-11	s RESISTOR, CHIP 1.8K 1/16W 1608
R5	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R6	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R7	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R8	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)

(IV-50P BOARD (DSR-1P))

Ref. No. or Q'ty	Part No.	SP Description
R9	1-218-674-11	s RESISTOR CHIP 180 1/16W (1608)
R10	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R11	1-218-670-11	s RESISTOR,CHIP 120 1/16W (1608)
R12	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R13	1-218-687-11	s RESISTOR CHIP 620 1/16W (1608)
R14	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R15	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R16	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R17	1-216-836-11	s RESISTOR, CHIP 18K 1/16W 1608
R22	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R23	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R24	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R25	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R26	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R27	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R28	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R29	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R30	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R31	1-218-728-11	s RESISTOR,CHIP 33K 1/16W
R32	*b 1-218-704-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
	*a 1-218-705-11	s RESISTOR,CHIP 3.6K 1/16W(1608)
R33	1-218-708-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R34	1-218-728-11	s RESISTOR,CHIP 33K 1/16W
R35	1-218-728-11	s RESISTOR,CHIP 33K 1/16W
R36	1-216-832-11	s RESISTOR,CHIP 8.2K 1/16W 1608
R38	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R39	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R42	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R44	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R45	*b 1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
	*a 1-218-720-11	s RESISTOR CHIP 15K 1/16W (1608)
R46	1-218-728-11	s RESISTOR,CHIP 33K 1/16W
R51	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R52	1-218-720-11	s RESISTOR,CHIP 15K 1/16W(1608)
R53	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R54	1-218-702-11	s RESISTOR CHIP 2.7K 1/16W(1608)
R55	1-216-830-11	s RESISTOR,CHIP 5.6K 1/16W 1608
R56	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R57	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R58	1-216-824-11	s RESISTOR, CHIP 1.8K 1/16W 1608
R59	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R61	*a 1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R62	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R63	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R64	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R65	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R66	1-216-832-11	s RESISTOR,CHIP 8.2K 1/16W 1608
R67	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R68	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R69	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R70	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R71	1-218-676-11	s RESISTOR,CHIP 220 1/16W(1608)
R72	1-218-674-11	s RESISTOR CHIP 180 1/16W (1608)
R73	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R74	1-218-690-11	s RESISTOR,CHIP 820 1/16W (1608)
R75	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R76	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R77	1-218-676-11	s RESISTOR,CHIP 220 1/16W(1608)
R78	1-218-702-11	s RESISTOR CHIP 2.7K 1/16W(1608)

(IV-50P BOARD (DSR-1P))

Ref. No. or Q'ty	Part No.	SP Description
R79	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R80	*d 1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
	*c 1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R81	*d 1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
	*c 1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R82	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R86	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R87	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R89	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R101	1-218-690-11	s RESISTOR,CHIP 820 1/16W (1608)
R102	1-218-720-11	s RESISTOR,CHIP 15K 1/16W(1608)
R103	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R104	1-218-704-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R105	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R106	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R107	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R108	1-216-824-11	s RESISTOR, CHIP 1.8K 1/16W 1608
R109	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R111	*a 1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R112	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R113	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R114	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R115	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R116	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R117	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R118	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R119	1-218-676-11	s RESISTOR,CHIP 220 1/16W(1608)
R120	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R121	1-218-674-11	s RESISTOR CHIP 180 1/16W (1608)
R122	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R123	1-218-690-11	s RESISTOR,CHIP 820 1/16W (1608)
R124	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R125	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R126	1-218-676-11	s RESISTOR,CHIP 220 1/16W(1608)
R127	1-218-702-11	s RESISTOR CHIP 2.7K 1/16W(1608)
R128	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R129	*d 1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
	*c 1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R130	*d 1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
	*c 1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R131	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R132	1-216-830-11	s RESISTOR,CHIP 5.6K 1/16W 1608
R133	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R134	1-216-832-11	s RESISTOR,CHIP 8.2K 1/16W 1608
R135	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R136	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R137	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R138	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R139	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
RV51	1-238-854-11	s RESISTOR,ADJ 2.2K (CERMET)
RV101	1-238-854-11	s RESISTOR,ADJ 2.2K (CERMET)
TP1	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP51	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP151	1-535-757-11	s CHIP, CHECKER (CONNECTOR)

KY-370 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-840-A	o MOUNTED CIRCUIT BOARD, KY-370
CN1	1-695-931-21	o CONNECTOR, FPC 10P, FEMALE
D1	8-719-989-97	s DIODE CL-150SD-CD
D2	8-719-989-97	s DIODE CL-150SD-CD
D3	8-719-989-97	s DIODE CL-150SD-CD
R1	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R2	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R3	1-216-045-00	s METAL, CHIP 680 5% 1/10W
S1	1-570-909-11	s SWITCH, PUSH
S2	1-570-909-11	s SWITCH, PUSH
S3	1-570-909-11	s SWITCH, PUSH
S4	1-570-909-11	s SWITCH, PUSH
S5	1-570-909-11	s SWITCH, PUSH

MB-661 BOARD

*a: Lot No. 605 - 809
*b: Lot No. 810 -

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-843-A	o MOUNTED CIRCUIT BOARD, MB-661
C1	1-126-942-61	s CAPACITOR,ELECT 1000MF/25V
CN1	1-778-651-11	o CONNECTOR, FFC (ZIF) 40P
CN2	1-778-651-11	o CONNECTOR, FFC (ZIF) 40P
CN3	1-778-651-11	o CONNECTOR, FFC (ZIF) 40P
CN7	1-778-534-11	o CONNECTOR, FFC (ZIF) 45P
CN10	*b 1-560-357-11	o CONNECTOR POST HEADER,ILG (3P)
	*a 1-506-702-11	o CONNECTOR POST HEADER,ILG (3P)
CN11	1-691-550-11	s PIN,CONNECTOR (3P)(SMD)(1.5MM)
CN13	*b 1-560-357-11	o CONNECTOR POST HEADER,ILG (3P)
	*a 1-506-702-11	o CONNECTOR POST HEADER,ILG (3P)
CN15	1-764-177-11	o PIN,CONNECTOR (7P)(SMD)(1.5MM)
CN16	1-778-650-11	o CONNECTOR, FFC (ZIF) 30P
CN17	1-778-650-11	o CONNECTOR, FFC (ZIF) 30P
CN18	1-778-649-11	o CONNECTOR, FFC (ZIF) 24P
CN801	1-778-642-11	o CONNECTOR, BOARD TO BOARD 40P

MT-114 BOARD

Ref. No. or Q'ty	Part No.	SP Description
S1	1-572-288-11	s SWITCH, PUSH0 (1-1)

PS-409 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-841-A	o MOUNTED CIRCUIT BOARD, PS-409
C101	1-128-548-11	s CAPACITOR,ELECT 4700MF/25V
C102	1-126-930-11	s CAPACITOR,ELECT 6800MF/10V
C103	1-161-772-11	s CAPACITOR,CERAMIC 0.1MF/25V
CB101	△ 1-533-481-11	s BREAKER, CIRCUIT
CN101	1-506-703-11	o CONNECTOR POST HEADER,ILG (4P)
CN102	1-560-357-11	o CONNECTOR POST HEADER,ILG (3P)
CN103	1-560-356-00	o CONNECTOR POST HEADER,ILG (2P)
CN104	1-566-760-11	s PIN,CONNECTOR (PC BOARD) 5P
D101	8-719-911-55	s DIODE U05G (RECTI)

RP-91 BOARD

*a: Lot No. 605 - 700
*b: Lot No. 701 -

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8273-569-A	o MOUNTED CIRCUIT BOARD, RP-91
C770	1-135-259-11	s CAPACITOR,TANTALUM 10MF/6.3V
C771	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C772	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C773	1-162-969-11	s CAPACITOR,CERAMIC 6800PF/25V B
C774	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C775	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C776	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C777	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C778	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C779	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C780	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C781	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C782	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C783	1-135-259-11	s CAPACITOR,TANTALUM 10MF/6.3V
C784	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C785	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C786	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C787	1-135-259-11	s CAPACITOR,TANTALUM 10MF/6.3V
C788	*b 1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
	*a 1-135-259-11	s CAPACITOR,TANTALUM 10MF/6.3V
C789	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C791	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C792	1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C793	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C794	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C795	1-135-259-11	s CAPACITOR,TANTALUM 10MF/6.3V
C796	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C797	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C798	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C799	1-164-217-11	s CAPACITOR,CERAMIC 150PF/50V CH
C800	*b 1-113-682-11	s CAPACITOR,TANTALUM 33MF/10V
	*a 1-110-569-11	s CAPACITOR,TANTALUM 47MF/6.3V
C801	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C802	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C803	1-164-217-11	s CAPACITOR,CERAMIC 150PF/50V CH
C804	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C806	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C809	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C810	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C811	1-135-145-11	s CAPACITOR TANTALUM 0.47MF/35V
C814	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C815	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C816	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C818	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C819	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C821	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C822	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C823	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C824	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C825	1-164-315-11	s CAPACITOR,CERAMIC 470PF/50V CH
C826	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C827	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C828	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C829	1-135-259-11	s CAPACITOR,TANTALUM 10MF/6.3V

(RP-91 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C830	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C831	1-135-259-11	s	CAPACITOR,TANTALUM 10MF/6.3V
C832	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C833	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C834	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C835	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C836	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C837	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C839	1-162-913-11	s	CAPACITOR,CHIP CERAMIC 8PF/50V
C841	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C842	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C843	1-164-677-11	s	CAPACITOR,CERAMIC 0.033MF/16V
C844	1-164-677-11	s	CAPACITOR,CERAMIC 0.033MF/16V
C845	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C847	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C848	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C849	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C850	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C853	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C854	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
C855	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
C857	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C859	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C860	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C861	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C862	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C863	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C865	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C869	1-162-925-11	s	CAPACITOR,CERAMIC 68PF/50V CH
C870	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C871	1-162-925-11	s	CAPACITOR,CERAMIC 68PF/50V CH
C872	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C873	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C874	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C875	1-135-259-11	s	CAPACITOR,TANTALUM 10MF/6.3V
C876	1-135-259-11	s	CAPACITOR,TANTALUM 10MF/6.3V
C878	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C900	*b 1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
	*a 1-135-259-11	s	CAPACITOR,TANTALUM 10MF/6.3V
C901	1-162-970-11	s	CAPACITOR,CERAMIC 0.01MF/25V B
C902	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C903	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C904	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C905	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C906	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C907	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C908	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C909	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C910	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C911	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C912	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C913	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C914	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
CN771	1-566-542-31	s	CONNECTOR, FPC (NON ZIF) 10P
CN772	1-774-260-11	o	CONNECTOR, FFC (ZIF) 20P
CN773	1-778-535-11	o	CONNECTOR, FFC (ZIF) 45P
CN774	1-778-645-11	o	CONNECTOR, FFC (ZIF) 10P
CN775	1-573-371-21	s	CONNECTOR,BOARD TO BOARD 14P

(RP-91 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D771	8-719-059-51	s	DIODE MA3J142E0LSO
D772	8-719-059-51	s	DIODE MA3J142E0LSO
D773	8-719-041-39	s	DIODE KV1470 (5MA)
D774	8-719-052-27	s	DIODE 1SS351-TB
D775	8-719-052-27	s	DIODE 1SS351-TB
D776	8-719-027-95	s	DIODE HSM88WK
FL770	1-411-274-21	s	DELAY LINE, LC (23NS)
FL771	1-233-343-21	s	FILTER, LOW PASS
FL772	1-233-344-21	s	FILTER, LOW PASS
FL900	1-233-351-21	s	FILTER, BAND PASS
FL901	1-233-350-21	s	FILTER, BAND PASS
IC770	8-759-469-25	s	IC AK6440AF (E2)
IC771	8-759-064-36	s	IC MB88346BPFV
IC772	8-752-371-18	s	IC CXD2302Q
IC773	8-752-070-12	s	IC CXA1762Q
IC774	8-752-379-36	s	IC CXD2189AR
IC775	8-752-070-11	s	IC CXA1761R
IC777	8-752-072-49	s	IC CXA1760Q-T6
IC778	8-759-058-62	s	IC TC7S08FU-TE85R
IC900	8-759-327-00	s	IC CXA8044Q (T4)
IC901	8-759-082-60	s	IC TC7S66FU
L770	1-414-398-11	s	INDUCTOR (SMD) 10UH
L772	1-414-398-11	s	INDUCTOR (SMD) 10UH
L773	1-414-398-11	s	INDUCTOR (SMD) 10UH
L774	1-414-398-11	s	INDUCTOR (SMD) 10UH
L776	1-414-398-11	s	INDUCTOR (SMD) 10UH
L777	1-414-398-11	s	INDUCTOR (SMD) 10UH
L779	1-410-738-41	s	INDUCTOR,CHIP 0.56UH
L780	1-414-398-11	s	INDUCTOR (SMD) 10UH
L782	1-412-963-11	s	INDUCTOR 100UH (2520)
L783	1-414-398-11	s	INDUCTOR (SMD) 10UH
L787	1-410-381-11	s	INDUCTOR,CHIP 10UH (3225)
L788	1-410-380-31	s	INDUCTOR,CHIP 8.2UH (3225)
L789	1-414-398-11	s	INDUCTOR (SMD) 10UH
L791	1-414-398-11	s	INDUCTOR (SMD) 10UH
L900	1-414-398-11	s	INDUCTOR (SMD) 10UH
L901	1-412-282-41	s	INDUCTOR,CHIP 470UH (3225)
Q772	8-729-907-00	s	TRANSISTOR DTC114EU
Q773	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q774	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q775	8-729-907-00	s	TRANSISTOR DTC114EU
Q776	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q777	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q778	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q779	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q780	8-729-907-00	s	TRANSISTOR DTC114EU
Q781	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q782	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q784	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q900	8-729-907-00	s	TRANSISTOR DTC114EU
Q901	8-729-037-92	s	TRANSISTOR 2SD2216J-R(TX).SO
R770	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R771	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R774	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R776	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R777	1-218-674-11	s	RESISTOR CHIP 180 1/16W (1608)
R778	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

(RP-91 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R779	1-218-744-11	s RESISTOR,CHIP 150K 1/16W
R780	1-218-724-11	s RESISTOR,CHIP 22K 1/16W(1608)
R781	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R782	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R783	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R784	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R785	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R786	1-218-684-11	s RESISTOR,CHIP 470 1/16W (1608)
R787	1-218-677-11	s RESISTOR,CHIP 240 1/16W (1608)
R788	1-218-677-11	s RESISTOR,CHIP 240 1/16W (1608)
R789	1-216-824-11	s RESISTOR, CHIP 1.8K 1/16W 1608
R790	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R791	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R792	1-216-814-11	s RESISTOR,CHIP 270 1/16W 1608
R793	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R794	1-218-682-11	s RESISTOR,CHIP 390 1/16W (1608)
R795	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R796	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R797	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R798	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R799	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R800	1-218-732-11	s RESISTOR,CHIP 47K 1/16W(1608)
R801	1-218-732-11	s RESISTOR,CHIP 47K 1/16W(1608)
R802	1-218-732-11	s RESISTOR,CHIP 47K 1/16W(1608)
R803	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R804	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R805	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R808	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R809	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R810	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R811	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R812	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R813	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R814	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R815	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R816	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R817	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R818	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R819	1-216-831-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R820	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R821	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R822	1-216-834-11	s RESISTOR,CHIP 12K 1/16W 1608
R823	1-216-834-11	s RESISTOR,CHIP 12K 1/16W 1608
R824	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R825	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R826	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R827	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R828	1-218-720-11	s RESISTOR,CHIP 15K 1/16W(1608)
R829	1-218-720-11	s RESISTOR,CHIP 15K 1/16W(1608)
R830	1-218-710-11	s RESISTOR,CHIP 5.6K 1/16W(1608)
R831	1-218-710-11	s RESISTOR,CHIP 5.6K 1/16W(1608)
R832	1-216-807-11	s RESISTOR, CHIP 68 1/16W 1608
R833	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R834	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R835	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R836	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R837	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R838	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R839	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)

(RP-91 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R841	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R843	1-218-688-11	s RESISTOR,CHIP 680 1/16W(1608)
R844	1-218-688-11	s RESISTOR,CHIP 680 1/16W(1608)
R845	1-218-678-11	s RESISTOR CHIP 270 1/16W (1608)
R846	1-218-676-11	s RESISTOR,CHIP 220 1/16W(1608)
R847	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R848	1-218-686-11	s RESISTOR CHIP 560 1/16W (1608)
R849	1-218-682-11	s RESISTOR,CHIP 390 1/16W (1608)
R850	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R851	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R852	1-218-682-11	s RESISTOR,CHIP 390 1/16W (1608)
R855	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R856	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R858	1-218-682-11	s RESISTOR,CHIP 390 1/16W (1608)
R859	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R861	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R862	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R900	1-216-843-11	s RESISTOR,CHIP 68K 1/16W (1608)
R901	1-216-831-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R902	1-216-831-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R903	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R904	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R905	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R906	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R907	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R908	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R909	1-216-834-11	s RESISTOR,CHIP 12K 1/16W 1608
R910	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R911	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R912	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R913	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R914	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R915	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R916	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R917	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R918	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R919	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R920	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)

SE-295 BOARD

*a: Lot No. 605
*b: Lot No. 606 -

Ref. No. or Q'ty	Part No.	SP Description
lpc	A-8277-830-A	o MOUNTED CIRCUIT BOARD, SE-295
PH1	8-719-948-58	s PHOTO SENSOR GP2S07B
PH2	8-719-948-58	s PHOTO SENSOR GP2S07B
PH3	8-719-948-58	s PHOTO SENSOR GP2S07B
PH4	8-719-948-58	s PHOTO SENSOR GP2S07B
Q1	*b 8-729-926-31	s PHOTO TRANSISTOR PT483F1S
	*a 8-729-018-23	s TRANSISTOR TPS626-B

SE-297 BOARD

Ref. No. or Q'ty	Part No.	SP Description
D1	8-719-989-52	s LED GL4600S
PH1	8-719-948-58	s PHOTO SENSOR GP2S07B
PH2	8-719-948-58	s PHOTO SENSOR GP2S07B
PH3	8-719-948-58	s PHOTO SENSOR GP2S07B
PH4	8-719-948-58	s PHOTO SENSOR GP2S07B
S1	1-692-366-31	s SWITCH, PUSH
TH1	1-808-656-11	s THERMISTOR

SE-298 BOARD

Ref. No. or Q'ty	Part No.	SP Description
SE-298 board is included MIC HOLDER (C) BLOCK ASSY (A-8311-396-A).		
S1	1-762-551-11	s SWITCH, PUSH

SV-164 BOARD

*a: Lot No. 605 - 606
*b: Lot No. 607 -
*c: Lot No. 605 - 611
*d: Lot No. 612 - 701
*e: Lot No. 702 -
*f: Lot No. 605 - 705
*g: Lot No. 706 -
*h: Lot No. 605 - 807

Ref. No. or Q'ty	Part No.	SP Description
lpc	A-8277-854-A	o MOUNTED CIRCUIT BOARD, SV-164
C1	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C2	1-162-969-11	s CERAMIC, CHIP 0.0068uF 10% 25V
C3	1-162-969-11	s CERAMIC, CHIP 0.0068uF 10% 25V
C4	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C5	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C6	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C7	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C8	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C9	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C10	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C11	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C14	1-165-176-11	s CERAMIC 0.047uF 10% 16V
C16	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C17	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C18	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C200	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C201	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C202	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C203	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C204	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C205	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C206	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C207	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C208	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C209	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C210	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C211	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C212	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C300	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C301	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C302	1-162-968-11	s CERAMIC, CHIP 0.0047uF 10% 50V
C303	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C304	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C305	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C306	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C309	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C310	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C311	1-135-259-11	s TANTALUM, CHIP 10uF 20% 6.3V
C312	1-135-259-11	s TANTALUM, CHIP 10uF 20% 6.3V
C313	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C314	1-162-969-11	s CERAMIC, CHIP 0.0068uF 10% 25V
C315	1-162-969-11	s CERAMIC, CHIP 0.0068uF 10% 25V
C316	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C317	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C318	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C319	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C320	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C321	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C322	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C323	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C324	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C325	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C326	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C327	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C328	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C329	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C331	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C332	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C333	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C334	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C400	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C401	1-162-968-11	s CERAMIC, CHIP 0.0047uF 10% 50V
C402	1-164-677-11	s CERAMIC, CHIP 0.033uF 10% 16V
C403	1-135-259-11	s TANTALUM, CHIP 10uF 20% 6.3V
C404	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C405	1-104-852-11	s TANTALUM, CHIP 22uF 20% 6.3V
C406	1-135-091-00	s TANTALUM, CHIP 1uF 10% 16V
C407	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C408	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C409	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C410	1-162-969-11	s CERAMIC, CHIP 0.0068uF 10% 25V
C411	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C412	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C413	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C414	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C415	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C416	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C417	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C418	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C419	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C420	1-165-176-11	s CERAMIC, CHIP 0.047uF 10% 16V
C421	1-164-174-11	s CERAMIC, CHIP 0.0082uF 10% 25V
C422	1-164-174-11	s CERAMIC, CHIP 0.0082uF 10% 25V
C423	1-164-174-11	s CERAMIC, CHIP 0.0082uF 10% 25V
C424	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V
C425	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C426	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C427	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C428	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C429	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C500	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C501	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C502	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C503	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C504	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C505	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C506	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C507	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C508	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C509	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C510	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C512	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C516	1-113-642-11	s TANTALUM, CHIP 47uF 20% 10V
C517	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C518	1-113-642-11	s TANTALUM, CHIP 47uF 20% 10V
C520	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C522	1-113-500-11	s TANTALUM, CHIP 100uF 20% 10V
C524	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP Description
C525	1-135-072-21	s TANTALUM, CHIP 0.22uF 10% 35V
C526	1-165-128-11	s CERAMIC, CHIP 0.22uF 16V
C527	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C528	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C529	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C530	1-162-912-11	s CERAMIC, CHIP 7PF 50V
C531	1-162-912-11	s CERAMIC, CHIP 7PF 50V
C533	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C534	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C535	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C537	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C538	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C539	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C700	1-162-965-11	s CERAMIC, CHIP 0.0015uF 10% 50V
C701	1-162-969-11	s CERAMIC, CHIP 0.0068uF 10% 25V
C702	1-113-500-11	s TANTALUM, CHIP 100uF 20% 10V
C705	1-162-968-11	s CERAMIC, CHIP 0.0047uF 10% 50V
C706	1-104-914-11	s TANTALUM, CHIP 22uF 20% 16V
C707	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C740	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C741	1-162-965-11	s CERAMIC, CHIP 0.0015uF 10% 50V
C742	1-162-969-11	s CERAMIC, CHIP 0.0068uF 10% 25V
C746	1-162-968-11	s CERAMIC, CHIP 0.0047uF 10% 50V
C747	1-104-914-11	s TANTALUM, CHIP 22uF 20% 16V
C748	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C749	1-162-965-11	s CERAMIC, CHIP 0.0015uF 10% 50V
C750	1-162-969-11	s CERAMIC, CHIP 0.0068uF 10% 25V
C754	1-162-968-11	s CERAMIC, CHIP 0.0047uF 10% 50V
C755	1-104-914-11	s TANTALUM, CHIP 22uF 20% 16V
C756	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C757	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C758	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C759	1-113-500-11	s TANTALUM, CHIP 100uF 20% 10V
C760	1-113-500-11	s TANTALUM, CHIP 100uF 20% 10V
C761	1-165-176-11	s CERAMIC, CHIP 0.047uF 10% 16V
C801	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
C802	1-164-156-11	s CERAMIC, CHIP 0.1uF 25V
CN500	1-750-905-11	o CONNECTOR, BB 80P, FEMALE
CN501	1-778-648-11	o CONNECTOR, FFC 20P, FEMALE
CN502	1-778-652-11	o CONNECTOR, FFC 50P, FEMALE
CN504	1-764-526-11	s CONNECTOR, FFC/FPC 18P, FEMALE
CN505	1-778-646-11	o CONNECTOR, FFC 10P, FEMALE
D1	8-719-989-03	s DIODE DNA222
D2	8-719-991-00	s DIODE DAP222
D300	8-719-991-00	s DIODE DAP222
D302	8-719-989-03	s DIODE DNA222
D303	8-719-991-00	s DIODE DAP222
D400	8-719-991-00	s DIODE DAP222
D401	8-719-989-03	s DIODE DNA222
D402	8-719-991-00	s DIODE DAP222
D500	8-719-989-03	s DIODE DNA222
D501	8-719-991-00	s DIODE DAP222
D502	8-719-989-03	s DIODE DNA222
D503	8-719-991-00	s DIODE DAP222
D506	8-719-989-03	s DIODE DNA222
D507	8-719-991-00	s DIODE DAP222
D508	8-719-105-91	s DIODE RD5.6M-B2

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Ref. No. or Q'ty	Part No.	SP	Description
D701	*b 8-719-981-56	s	DIODE SB05W05C-TB
	*a 8-719-938-75	s	DIODE SB05-05CP
D702	8-719-989-03	s	DIODE DNA222
D801	8-719-989-03	s	DIODE DNA222
D802	8-719-991-00	s	DIODE DAP222
D803	8-719-989-03	s	DIODE DNA222
D804	8-719-991-00	s	DIODE DAP222
D805	8-719-989-03	s	DIODE DNA222
D806	8-719-991-00	s	DIODE DAP222
D807	8-719-989-03	s	DIODE DNA222
D808	8-719-991-00	s	DIODE DAP222
D809	8-719-989-03	s	DIODE DNA222
D810	8-719-991-00	s	DIODE DAP222
D811	8-719-989-03	s	DIODE DNA222
D812	8-719-991-00	s	DIODE DAP222
D813	8-719-989-03	s	DIODE DNA222
D814	8-719-991-00	s	DIODE DAP222
D815	8-719-989-03	s	DIODE DNA222
D816	8-719-991-00	s	DIODE DAP222
E1	1-535-757-11	s	CHIP, CHECKER
E2	1-535-757-11	s	CHIP, CHECKER
E3	1-535-757-11	s	CHIP, CHECKER
IC1	8-759-326-99	s	IC MCD005AM-TLM
IC2	8-759-510-71	s	IC BA10358F-E2
IC3	8-759-981-61	s	IC LM2901M
IC5	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC6	8-759-700-07	s	IC NJM2903M
IC200	8-759-276-89	s	IC BA6285FP-E2
IC201	8-759-276-89	s	IC BA6285FP-E2
IC204	8-759-510-71	s	IC BA10358F-E2
IC300	8-759-326-99	s	IC MCD005AM-TLM
IC301	8-759-278-58	s	IC NJM4558V-TE2
IC302	8-759-981-61	s	IC LM2901M
IC303	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC304	8-759-523-95	s	IC TC74VHC74FT(EL)
IC305	8-759-510-71	s	IC BA10358F-E2
IC306	8-759-444-93	s	IC RH5RL33AA-T1
IC307	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC309	8-759-526-89	s	IC MB88347RPFV-ER
IC400	8-759-335-42	s	IC CXA1793N-E2
IC401	8-759-100-95	s	IC UPC324G2
IC402	8-759-700-07	s	IC NJM2903M
IC403	8-759-100-95	s	IC UPC324G2
IC500	*e 8-752-891-20	s	IC CXP912P032Q-3-017
	*d 8-752-877-57	s	IC CXP912P032Q-3-012
	*c 8-752-871-70	s	IC CXP912P032Q-3
IC501	8-759-079-74	s	IC TC74VHC157FS(EL)
IC502	8-759-079-74	s	IC TC74VHC157FS(EL)
IC505	8-759-431-26	s	IC MB3793-30PNF-ER
IC507	8-759-524-41	s	IC TC74VHC374FT(EL)
IC508	8-759-524-41	s	IC TC74VHC374FT(EL)
IC509	8-759-524-41	s	IC TC74VHC374FT(EL)
IC510	8-759-524-41	s	IC TC74VHC374FT(EL)
IC512	8-759-524-50	s	IC TC74VHC541FT(EL)
IC702	8-759-444-93	s	IC RH5RL33AA-T1
IC740	8-759-981-61	s	IC LM2901M
IC741	8-759-100-95	s	IC UPC324G2
IC801	8-759-523-01	s	IC TC74HC4052AFT(EL)
IC802	8-759-523-01	s	IC TC74HC4052AFT(EL)

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Ref. No. or Q'ty	Part No.	SP	Description
L500	1-414-398-11	s	INDUCTOR 10UH
L501	1-414-398-11	s	INDUCTOR 10UH
L502	1-414-398-11	s	INDUCTOR 10UH
L700	1-409-678-11	s	COIL, CHOKE 68UH
L740	1-409-678-11	s	COIL, CHOKE 68UH
L741	1-409-678-11	s	COIL, CHOKE 68UH
Q700	8-729-030-78	s	TRANSISTOR FP102T-TL
Q701	8-729-929-99	s	TRANSISTOR UMB11-TN
Q740	8-729-030-78	s	TRANSISTOR FP102T-TL
Q745	8-729-030-78	s	TRANSISTOR FP102T-TL
Q748	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q749	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q802	8-729-930-32	s	TRANSISTOR UMH11
Q803	8-729-930-18	s	TRANSISTOR UMH4-TN
Q804	8-729-930-18	s	TRANSISTOR UMH4-TN
Q805	8-729-930-18	s	TRANSISTOR UMH4-TN
Q806	8-729-930-32	s	TRANSISTOR UMH11
R1	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R3	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R4	1-216-821-11	s	METAL, CHIP 1K 5% 1/16W
R5	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R7	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R8	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R10	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R11	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R12	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R13	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R14	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R16	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R17	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R18	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R19	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W
R20	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R21	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R22	*a 1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R27	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R28	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R29	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R30	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R31	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R32	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R33	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R34	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R35	*g 1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
	*f 1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R36	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R37	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R38	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R39	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R40	1-216-833-11	s	METAL, CHIP 10K 5% 1/16W
R41	1-217-671-11	s	METAL, CHIP 1 5% 1/10W
R42	1-217-671-11	s	METAL, CHIP 1 5% 1/10W
R43	1-217-671-11	s	METAL, CHIP 1 5% 1/10W
R44	1-217-671-11	s	METAL, CHIP 1 5% 1/10W
R45	1-216-842-11	s	METAL, CHIP 56K 5% 1/16W
R47	*b 1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
	*a 1-216-833-11	s	METAL, CHIP 10K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R48	*b 1-216-839-11	s METAL, CHIP 33K 5% 1/16W
	*a 1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R49	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R203	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R204	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R205	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R206	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R207	1-218-682-11	s METAL, CHIP 390 0.50% 1/16W
R208	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R209	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R210	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R211	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R219	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R220	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R222	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R223	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R225	1-216-852-11	s METAL, CHIP 390K 5% 1/16W
R226	1-216-852-11	s METAL, CHIP 390K 5% 1/16W
R227	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R228	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R229	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R230	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R231	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R232	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R233	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R234	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R235	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R236	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R238	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R239	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R241	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R242	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R244	1-216-852-11	s METAL, CHIP 390K 5% 1/16W
R245	1-216-852-11	s METAL, CHIP 390K 5% 1/16W
R246	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R247	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R248	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R249	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R250	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R251	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R252	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R253	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R254	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R255	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R300	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R301	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R302	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R303	1-216-842-11	s METAL, CHIP 56K 5% 1/16W
R304	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R305	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R306	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R307	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R308	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R309	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R310	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R311	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R312	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R313	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R314	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W

(SV-164 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R315	1-218-708-11	s METAL, CHIP 4.7K 0.50% 1/16W
R316	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R317	1-216-842-11	s METAL, CHIP 56K 5% 1/16W
R318	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R323	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R324	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R325	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R326	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R327	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R328	1-218-740-11	s METAL, CHIP 100K 0.50% 1/16W
R329	1-218-740-11	s METAL, CHIP 100K 0.50% 1/16W
R330	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R331	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R332	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R333	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R334	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R335	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R336	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R337	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R338	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R339	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R340	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R341	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R342	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R343	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R344	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R345	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R346	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R347	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R348	1-216-842-11	s METAL, CHIP 56K 5% 1/16W
R349	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R400	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R401	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R402	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R403	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R404	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R405	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R406	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R407	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R408	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R409	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R410	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R411	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R412	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R413	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R414	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R415	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R416	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R417	1-216-838-11	s METAL, CHIP 27K 5% 1/16W
R418	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R419	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R420	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R421	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R422	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R423	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R424	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R425	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R426	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R427	1-216-833-11	s METAL, CHIP 10K 5% 1/16W

(SV-164 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R428	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R429	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R430	1-216-846-11	s METAL, CHIP 120K 5% 1/16W
R431	1-216-835-11	s METAL, CHIP 15K 5% 1/16W
R432	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R434	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R436	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R437	1-216-834-11	s METAL, CHIP 12K 5% 1/16W
R438	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R439	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R440	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R441	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R442	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R443	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R444	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R445	1-217-671-11	s METAL, CHIP 1 5% 1/10W
R501	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R502	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R503	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R504	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R513	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R514	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R515	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R516	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R517	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R518	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R519	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R520	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R521	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R522	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R523	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R524	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R525	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R526	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R529	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R533	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R534	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R535	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R536	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R537	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R540	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R541	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R542	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R543	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R544	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R545	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R546	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R547	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R548	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R549	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R550	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R551	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R552	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R553	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R555	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R556	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R557	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R558	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R700	1-216-833-11	s METAL, CHIP 10K 5% 1/16W

(SV-164 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R701	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R702	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R703	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R704	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R705	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R706	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R707	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R708	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R709	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R710	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R711	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R714	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R715	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R716	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R740	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R741	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R742	1-216-854-11	s METAL, CHIP 560K 5% 1/16W
R743	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R744	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R745	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R746	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R747	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R748	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R749	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R750	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R751	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R752	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R753	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R754	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R759	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R760	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R761	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R762	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R763	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R764	1-216-836-11	s METAL, CHIP 18K 5% 1/16W
R765	1-216-843-11	s METAL, CHIP 68K 5% 1/16W
R766	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R767	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R768	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R769	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R770	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R771	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R772	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R773	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R774	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R775	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R776	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R777	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R778	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R801	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R802	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R805	1-218-704-11	s METAL, CHIP 3.3K 0.50% 1/16W
R806	1-218-692-11	s METAL, CHIP 1K 0.50% 1/16W
R810	1-218-727-11	s METAL, CHIP 30K 0.50% 1/16W
R811	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R812	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R813	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R814	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R818	1-216-851-11	s METAL, CHIP 330K 5% 1/16W

(SV-164 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R820	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R822	1-216-851-11	s METAL, CHIP 330K 5% 1/16W
R824	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
RB500	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB501	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB502	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB503	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB504	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB506	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB507	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB508	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB510	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB511	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB512	1-236-907-11	s RESISTOR BLOCK, CHIP 100Kx4
RB513	1-236-907-11	s RESISTOR BLOCK, CHIP 100Kx4
RB514	1-236-907-11	s RESISTOR BLOCK, CHIP 100Kx4
RB515	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB516	1-236-907-11	s RESISTOR BLOCK, CHIP 100Kx4
RB801	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB802	1-239-407-11	s RESISTOR BLOCK, CHIP 330x4
RB803	1-236-908-11	s RESISTOR BLOCK, CHIP 10Kx4
RB804	1-236-908-11	s RESISTOR BLOCK, CHIP 10Kx4
RB805	1-236-908-11	s RESISTOR BLOCK, CHIP 10Kx4
RB806	1-236-908-11	s RESISTOR BLOCK, CHIP 10Kx4
RB808	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB810	1-239-446-11	s RESISTOR BLOCK, CHIP 330Kx4
RB811	1-236-907-11	s RESISTOR BLOCK, CHIP 100Kx4
S500	1-692-535-11	s SWITCH, DIP 4-CKT
TP1	1-535-757-11	s CHIP, CHECKER
TP2	1-535-757-11	s CHIP, CHECKER
TP3	1-535-757-11	s CHIP, CHECKER
TP300	1-535-757-11	s CHIP, CHECKER
TP301	1-535-757-11	s CHIP, CHECKER
TP302	1-535-757-11	s CHIP, CHECKER
TP304	1-535-757-11	s CHIP, CHECKER
TP400	1-535-757-11	s CHIP, CHECKER
TP401	1-535-757-11	s CHIP, CHECKER
TP501	1-535-757-11	s CHIP, CHECKER
TP502	1-535-757-11	s CHIP, CHECKER
TP503	1-535-757-11	s CHIP, CHECKER
TP504	1-535-757-11	s CHIP, CHECKER
TP505	1-535-757-11	s CHIP, CHECKER
TP506	1-535-757-11	s CHIP, CHECKER
TP507	1-535-757-11	s CHIP, CHECKER
TP508	1-535-757-11	s CHIP, CHECKER
TP509	1-535-757-11	s CHIP, CHECKER
TP510	1-535-757-11	s CHIP, CHECKER
TP701	1-535-757-11	s CHIP, CHECKER
TP704	1-535-757-11	s CHIP, CHECKER
X500	1-760-655-21	s CRYSTAL 20.0Mhz

SV-213 BOARD

Ref. No. or Q'ty	Part No.	SP Description
lpc	A-8322-140-B	o MOUNTED CIRCUIT BOARD, SV-213
C1	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C2	1-162-969-11	s CAPACITOR,CERAMIC 6800PF/25V B
C3	1-162-969-11	s CAPACITOR,CERAMIC 6800PF/25V B
C4	1-162-970-11	s CAPACITOR,CERAMIC 0.01MF/25V B
C5	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C6	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C7	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C8	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C9	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C10	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C11	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C13	1-165-176-11	s CAPACITOR,CERAMIC 47000PF/16V
C17	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C18	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C200	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C201	1-135-177-21	s CAPACITOR,TANTALUM 1MF/25V
C202	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C203	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C204	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C205	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C206	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C207	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C208	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C209	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C210	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C211	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C212	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C300	1-162-970-11	s CAPACITOR,CERAMIC 0.01MF/25V B
C301	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C302	1-162-968-11	s CAPACITOR,CERAMIC 4700PF/50V B
C303	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C304	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C305	1-162-970-11	s CAPACITOR,CERAMIC 0.01MF/25V B
C306	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C309	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C310	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C311	1-135-259-11	s CAPACITOR,TANTALUM 10MF/6.3V
C312	1-135-259-11	s CAPACITOR,TANTALUM 10MF/6.3V
C313	1-162-970-11	s CAPACITOR,CERAMIC 0.01MF/25V B
C314	1-162-969-11	s CAPACITOR,CERAMIC 6800PF/25V B
C315	1-162-969-11	s CAPACITOR,CERAMIC 6800PF/25V B
C317	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C318	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C319	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C320	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C321	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C322	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C323	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C324	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C325	1-162-970-11	s CAPACITOR,CERAMIC 0.01MF/25V B
C326	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C327	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C328	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C329	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C331	1-162-970-11	s CAPACITOR,CERAMIC 0.01MF/25V B
C332	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C333	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C334	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C400	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C401	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C402	1-164-677-11	s	CAPACITOR,CERAMIC 0.033MF/16V
C403	1-135-259-11	s	CAPACITOR,TANTALUM 10MF/6.3V
C404	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C405	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C406	1-135-177-21	s	CAPACITOR,TANTALUM 1MF/25V
C407	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C408	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C409	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C410	1-162-969-11	s	CAPACITOR,CERAMIC 6800PF/25V B
C411	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C412	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C413	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C414	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C415	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C416	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C417	1-162-970-11	s	CAPACITOR,CERAMIC 0.01MF/25V B
C418	1-162-970-11	s	CAPACITOR,CERAMIC 0.01MF/25V B
C419	1-162-970-11	s	CAPACITOR,CERAMIC 0.01MF/25V B
C420	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C421	1-164-174-11	s	CAPACITOR,CERAMIC 8200PF/25V B
C422	1-164-174-11	s	CAPACITOR,CERAMIC 8200PF/25V B
C423	1-164-174-11	s	CAPACITOR,CERAMIC 8200PF/25V B
C424	1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH
C425	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C426	1-162-970-11	s	CAPACITOR,CERAMIC 0.01MF/25V B
C427	1-162-970-11	s	CAPACITOR,CERAMIC 0.01MF/25V B
C428	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C429	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C500	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C501	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C502	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C503	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C504	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C505	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C506	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C507	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C508	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C509	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C510	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C512	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C516	1-113-642-11	s	CAPACITOR,TANTALUM 47MF/10V
C517	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C518	1-113-642-11	s	CAPACITOR,TANTALUM 47MF/10V
C520	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C522	1-113-500-11	s	CAPACITOR,TANTALUM 100MF/10V
C524	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C525	1-135-072-21	s	CAPACITOR,TANTALUM 0.22MF/35V
C526	1-165-128-11	s	CAPACITOR,CERAMIC 0.22MF/16V F
C527	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C528	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C529	1-162-970-11	s	CAPACITOR,CERAMIC 0.01MF/25V B
C530	1-162-912-11	s	CAPACITOR,CERAMIC 7PF/50V 1608
C531	1-162-912-11	s	CAPACITOR,CERAMIC 7PF/50V 1608
C533	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C534	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C535	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C537	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C538	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C539	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C700	1-162-965-11	s	CAPACITOR,CERAMIC 1500PF/50V B
C701	1-162-969-11	s	CAPACITOR,CERAMIC 6800PF/25V B
C702	1-113-500-11	s	CAPACITOR,TANTALUM 100MF/10V
C705	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C706	1-104-914-11	s	CAPACITOR,TANTALUM 22MF/16V
C707	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C740	1-162-925-11	s	CAPACITOR,CERAMIC 68PF/50V CH
C741	1-162-965-11	s	CAPACITOR,CERAMIC 1500PF/50V B
C742	1-162-969-11	s	CAPACITOR,CERAMIC 6800PF/25V B
C746	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C747	1-104-914-11	s	CAPACITOR,TANTALUM 22MF/16V
C748	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C749	1-162-965-11	s	CAPACITOR,CERAMIC 1500PF/50V B
C750	1-162-969-11	s	CAPACITOR,CERAMIC 6800PF/25V B
C754	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C755	1-104-914-11	s	CAPACITOR,TANTALUM 22MF/16V
C756	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C757	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C758	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C759	1-113-500-11	s	CAPACITOR,TANTALUM 100MF/10V
C760	1-113-500-11	s	CAPACITOR,TANTALUM 100MF/10V
C761	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C801	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C802	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C901	1-162-970-11	s	CAPACITOR,CERAMIC 0.01MF/25V B
C902	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C903	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C904	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C905	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C906	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C907	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C908	1-162-922-11	s	CAPACITOR,CERAMIC 39PF/50V CH
C909	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C910	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C911	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C912	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
CN500	1-750-905-11	o	CONNECTOR, BOARD TO BOARD 80P
CN501	1-778-648-11	o	CONNECTOR, FFC (ZIF) 20P
CN502	1-778-652-11	o	CONNECTOR, FFC (ZIF) 50P
CN504	1-764-526-11	s	CONNECTOR, FFC/FPC (ZIF) 18P
CN505	1-778-646-11	o	CONNECTOR, FFC (ZIF) 10P
D1	8-719-989-03	s	DIODE DAN222
D2	8-719-991-00	s	DIODE DAP222
D300	8-719-991-00	s	DIODE DAP222
D302	8-719-989-03	s	DIODE DAN222
D303	8-719-991-00	s	DIODE DAP222
D400	8-719-991-00	s	DIODE DAP222
D401	8-719-989-03	s	DIODE DAN222
D402	8-719-991-00	s	DIODE DAP222
D500	8-719-989-03	s	DIODE DAN222
D501	8-719-991-00	s	DIODE DAP222
D502	8-719-989-03	s	DIODE DAN222
D503	8-719-991-00	s	DIODE DAP222
D507	8-719-991-00	s	DIODE DAP222
D508	8-719-105-91	s	DIODE RD5.6M-B2
D701	8-719-981-56	s	DIODE SB05W05CP (RECTI)

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Ref. No. or Q'ty	Part No.	SP Description
D702	8-719-989-03	s DIODE DAN222
D801	8-719-989-03	s DIODE DAN222
D802	8-719-991-00	s DIODE DAP222
D803	8-719-989-03	s DIODE DAN222
D804	8-719-991-00	s DIODE DAP222
D805	8-719-989-03	s DIODE DAN222
D806	8-719-991-00	s DIODE DAP222
D807	8-719-989-03	s DIODE DAN222
D808	8-719-991-00	s DIODE DAP222
D809	8-719-989-03	s DIODE DAN222
D810	8-719-991-00	s DIODE DAP222
D811	8-719-989-03	s DIODE DAN222
D812	8-719-991-00	s DIODE DAP222
D813	8-719-989-03	s DIODE DAN222
D814	8-719-991-00	s DIODE DAP222
D815	8-719-989-03	s DIODE DAN222
D816	8-719-991-00	s DIODE DAP222
D901	8-719-048-43	s DIODE MA795
E1	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E2	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
E3	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
IC1	8-759-326-99	s IC MCD005AM-TLM
IC2	8-759-510-71	s IC BA10358F-E2
IC3	8-759-981-61	s IC LM2901M
IC5	8-759-523-02	s IC TC74HC4053AFT(EL)
IC6	8-759-700-07	s IC NJM2903M
IC200	8-759-276-89	s IC BA6285FP (E2)
IC201	8-759-276-89	s IC BA6285FP (E2)
IC204	8-759-510-71	s IC BA10358F-E2
IC300	8-759-326-99	s IC MCD005AM-TLM
IC301	8-759-278-58	s IC NJM4558V (TE2)
IC302	8-759-981-61	s IC LM2901M
IC303	8-759-523-02	s IC TC74HC4053AFT(EL)
IC304	8-759-523-95	s IC TC74VHC74FT(EL)
IC305	8-759-510-71	s IC BA10358F-E2
IC306	8-759-444-93	s IC RH5RL33AA-T1
IC307	8-759-523-02	s IC TC74HC4053AFT(EL)
IC309	8-759-526-89	s IC MB88347LPFV-ER
IC400	8-759-335-42	s IC CXA1793N (E2)
IC401	8-759-100-95	s IC UPC324G2
IC402	8-759-700-07	s IC NJM2903M
IC403	8-759-100-95	s IC UPC324G2
IC500	8-752-921-61	s IC CXP913040-011R
IC501	8-759-524-10	s IC TC74VHC157FT (EL)
IC502	8-759-524-10	s IC TC74VHC157FT (EL)
IC505	8-759-431-26	s IC MB3793-30PNF-ER
IC507	8-759-524-41	s IC TC74VHC374FT (EL)
IC508	8-759-524-41	s IC TC74VHC374FT (EL)
IC509	8-759-524-41	s IC TC74VHC374FT (EL)
IC510	8-759-524-41	s IC TC74VHC374FT (EL)
IC512	8-759-524-50	s IC TC74VHC541FT(EL)
IC702	8-759-444-93	s IC RH5RL33AA-T1
IC740	8-759-273-87	s IC NJM2901V (TE2)
IC741	8-759-444-87	s IC NJM324V (TE2)
IC801	8-759-523-01	s IC TC74HC4052AFT(EL)
IC802	8-759-523-01	s IC TC74HC4052AFT(EL)
IC901	8-759-466-53	s IC NJM2060V(TE2)
IC902	8-759-338-95	s IC NJM2903V (TE2)

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Ref. No. or Q'ty	Part No.	SP Description
IC903	8-759-523-02	s IC TC74HC4053AFT(EL)
IC904	8-759-392-01	s IC TC7SH86FU (TE85R)
L500	1-414-398-11	s INDUCTOR (SMD) 10UH
L501	1-414-398-11	s INDUCTOR (SMD) 10UH
L502	1-414-398-11	s INDUCTOR (SMD) 10UH
L700	1-409-678-11	s COIL, CHOKE 68UH
L740	1-409-678-11	s COIL, CHOKE 68UH
L741	1-409-678-11	s COIL, CHOKE 68UH
Q700	8-729-030-78	s TRANSISTOR FP102T-TL
Q701	8-729-929-99	s TRANSISTOR UMB11-TN
Q740	8-729-030-78	s TRANSISTOR FP102T-TL
Q745	8-729-030-78	s TRANSISTOR FP102T-TL
Q748	8-729-026-52	s TRANSISTOR 2SA1576A-T106-R
Q749	8-729-807-51	s TRANSISTOR 2SD1623-S
Q802	8-729-930-32	s TRANSISTOR UMH11
Q803	8-729-930-18	s TRANSISTOR UMH4-TN
Q804	8-729-930-18	s TRANSISTOR UMH4-TN
Q805	8-729-930-18	s TRANSISTOR UMH4-TN
Q806	8-729-930-32	s TRANSISTOR UMH11
Q901	8-729-029-14	s TRANSISTOR DTC144EUA-T106
R1	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R3	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R4	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R5	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R7	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R8	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R10	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R11	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R12	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R13	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R14	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R16	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R17	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R18	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R19	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R20	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R21	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R27	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R28	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R29	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R30	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R31	1-216-849-11	s RESISTOR,CHIP 220K 1/16W(1608)
R32	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R33	1-216-849-11	s RESISTOR,CHIP 220K 1/16W(1608)
R34	1-216-849-11	s RESISTOR,CHIP 220K 1/16W(1608)
R35	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R36	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R37	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R38	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R39	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R40	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R41	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R42	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R43	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R44	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R45	1-216-842-11	s RESISTOR,CHIP 56K 1/16W(1608)
R47	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP	Description
R48	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R49	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R203	1-216-827-11	s	RESISTOR,CHIP 3.3K 1/16W 1608
R204	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R205	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R206	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R207	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R208	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R209	1-216-827-11	s	RESISTOR,CHIP 3.3K 1/16W 1608
R210	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R211	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R219	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R220	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R222	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R223	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R225	1-216-852-11	s	RESISTOR,CHIP 390K 1/16W 1608
R226	1-216-852-11	s	RESISTOR,CHIP 390K 1/16W 1608
R227	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R228	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R229	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R230	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R231	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R232	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R233	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R234	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R235	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R236	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R238	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R239	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R241	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R242	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R244	1-216-852-11	s	RESISTOR,CHIP 390K 1/16W 1608
R245	1-216-852-11	s	RESISTOR,CHIP 390K 1/16W 1608
R246	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R247	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R248	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R249	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R250	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R251	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R252	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R253	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R254	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R255	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R300	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R301	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R302	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R303	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R304	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R305	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R306	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R307	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R308	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R309	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R310	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R311	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R312	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R313	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R314	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R315	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R316	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R317	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R318	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R323	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R324	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R325	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R326	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R327	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R328	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R329	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R330	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R331	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R332	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R333	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R337	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R339	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R340	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R341	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R342	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R343	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R344	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R345	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R346	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R347	1-217-671-11	s	RESISTOR,CHIP 1 1/10W(2125)
R348	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R400	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R401	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R402	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R403	1-216-827-11	s	RESISTOR,CHIP 3.3K 1/16W 1608
R404	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R405	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R406	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R407	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R408	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R409	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R410	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R411	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R412	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R413	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R414	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R415	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R416	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R417	1-216-838-11	s	RESISTOR,CHIP 27K 1/16W(1608)
R418	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R419	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R420	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R421	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R422	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R423	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R424	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R425	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R426	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R427	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R428	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R429	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R430	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608)
R431	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R432	1-216-843-11	s	RESISTOR,CHIP 68K 1/16W (1608)
R434	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

(SV-213 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R436	1-216-836-11	s RESISTOR,CHIP 18K 1/16W 1608
R437	1-216-834-11	s RESISTOR,CHIP 12K 1/16W 1608
R438	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R439	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R440	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R441	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R442	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R443	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R444	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R445	1-217-671-11	s RESISTOR,CHIP 1 1/10W(2125)
R501	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R502	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R503	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R504	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R505	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R513	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R514	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R515	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R516	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R517	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R518	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R519	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R520	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R521	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R522	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R523	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R524	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R525	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R526	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R529	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R533	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R534	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R535	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R536	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R537	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R540	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R541	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R542	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R543	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R544	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R545	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R546	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R547	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R548	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R549	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R550	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R551	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R552	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R553	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R555	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R556	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R557	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R558	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R559	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R700	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R701	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R702	1-216-836-11	s RESISTOR,CHIP 18K 1/16W 1608
R703	1-216-843-11	s RESISTOR,CHIP 68K 1/16W (1608)
R704	1-216-840-11	s RESISTOR,CHIP 39K 1/16W 1608

(SV-213 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R705	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R706	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R707	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R708	1-216-823-11	s RESISTOR,CHIP 1.5K 1/16W
R709	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R710	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R711	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R714	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R715	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R716	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R740	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R741	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R742	1-216-854-11	s RESISTOR,CHIP 560K 1/16W 1608
R743	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R744	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R745	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R746	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R747	1-216-836-11	s RESISTOR,CHIP 18K 1/16W 1608
R748	1-216-843-11	s RESISTOR,CHIP 68K 1/16W (1608)
R749	1-216-840-11	s RESISTOR,CHIP 39K 1/16W 1608
R750	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R751	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R752	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R753	1-216-823-11	s RESISTOR,CHIP 1.5K 1/16W
R754	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R759	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R760	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R761	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R762	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R763	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R764	1-216-836-11	s RESISTOR,CHIP 18K 1/16W 1608
R765	1-216-843-11	s RESISTOR,CHIP 68K 1/16W (1608)
R766	1-216-840-11	s RESISTOR,CHIP 39K 1/16W 1608
R767	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R768	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R769	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R770	1-216-823-11	s RESISTOR,CHIP 1.5K 1/16W
R771	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R772	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R773	1-216-830-11	s RESISTOR,CHIP 5.6K 1/16W 1608
R774	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R775	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R776	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R777	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R778	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R801	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R802	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R805	1-218-704-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R806	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R810	1-218-727-11	s RESISTOR,CHIP 30K 1/16W(1608)
R811	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R812	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R813	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R814	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R818	1-216-851-11	s RESISTOR,CHIP 330K 1/16W 1608
R820	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R822	1-216-851-11	s RESISTOR,CHIP 330K 1/16W 1608
R824	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R901	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608

(SV-213 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R902	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R903	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R904	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R905	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R906	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R907	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R908	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R909	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R910	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R911	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R912	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R913	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R914	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R915	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R916	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R917	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R918	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R919	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R921	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R922	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R923	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
RB500	1-236-904-11	s RESISTOR,NETWORK 1K (1608)
RB501	1-236-904-11	s RESISTOR,NETWORK 1K (1608)
RB502	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB503	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB504	1-236-904-11	s RESISTOR,NETWORK 1K (1608)
RB506	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB507	1-236-904-11	s RESISTOR,NETWORK 1K (1608)
RB508	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB510	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB511	1-236-904-11	s RESISTOR,NETWORK 1K (1608)
RB512	1-236-907-11	s RESISTOR,BLOCK 100K (1608)
RB513	1-236-907-11	s RESISTOR,BLOCK 100K (1608)
RB514	1-236-907-11	s RESISTOR,BLOCK 100K (1608)
RB515	1-236-904-11	s RESISTOR,NETWORK 1K (1608)
RB516	1-236-907-11	s RESISTOR,BLOCK 100K (1608)
RB801	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB802	1-239-407-11	s NETWORK RESISTOR(CHIP) 330
RB803	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB804	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB805	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB806	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB808	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB810	1-239-446-11	s NETWORK,RESISTOR 330K (1608)
RB811	1-236-907-11	s RESISTOR,BLOCK 100K (1608)
S500	1-692-535-11	s SWITCH DIP (4P)
TP1	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP2	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP3	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP300	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP301	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP302	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP304	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP400	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP401	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP501	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP502	1-535-757-11	s CHIP, CHECKER (CONNECTOR)

(SV-213 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
TP503	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP504	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP505	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP506	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP507	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP508	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP509	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP510	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP701	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP704	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
X500	1-760-655-21	s VIBRATOR, CRYSTAL

 VA-172 BOARD (DSR-1)

*a: Lot No. 605 - 609
 *b: Lot No. 610 -
 *c: Lot No. 605 - 608
 *d: Lot No. 605 - 612
 *e: Lot No. 701 - 810
 *f: Lot No. 605 - 701
 *g: Lot No. 702 -
 *h: Lot No. 605 - 611
 *i: Lot No. 612 -
 *j: Lot No. 605 - 703
 *k: Lot No. 704 -
 *m: Lot No. 811 -
 *n: Lot No. 605 - 909
 *o: Lot No. 910 -
 *p: Lot No. 605 - 912
 *q: Lot No. 001 -
 *r: Lot No. 605 - 004
 *s: Lot No. 005 -
 *t: Lot No. 701 -

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8277-847-A	s MOUNTED CIRCUIT BOARD, VA-172
2pcs	*s 3-603-737-02	o LEVER,BOARD
	*r 3-603-737-01	o LEVER,BOARD
3pcs	7-621-772-10	s SCREW +B 2X4
4pcs	7-622-205-05	s NUT M2 TYPE2
4pcs	7-628-253-20	s SCREW +PS 2X6
C151	*t 1-113-682-11	s CAPACITOR,TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C152	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C153	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C154	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C155	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C156	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C157	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C158	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C159	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C160	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C161	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C162	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C164	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C166	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C167	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C168	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C169	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C170	*b 1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C171	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C173	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C174	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C175	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C177	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C178	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C179	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C180	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C181	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C182	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C183	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C184	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C185	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C186	*t 1-113-682-11	s CAPACITOR,TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C187	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C188	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP Description
C189	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C190	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C191	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C192	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C193	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C201	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C202	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C203	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C204	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C205	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C206	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C207	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C208	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C209	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C211	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C212	*t 1-113-682-11	s CAPACITOR,TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C213	1-162-919-11	s CAPACITOR, CERAMIC 22PF/50V 1608
C214	1-162-918-11	s CERAMIC, CHIP 18PF 5% 50V
C215	1-162-918-11	s CERAMIC, CHIP 18PF 5% 50V
C216	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C251	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C252	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C261	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C262	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C263	1-164-346-11	s CERAMIC 1uF 16V
C264	1-164-346-11	s CERAMIC 1uF 16V
C265	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C266	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C267	1-164-346-11	s CERAMIC 1uF 16V
C269	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C270	1-164-346-11	s CERAMIC 1uF 16V
C271	1-164-346-11	s CERAMIC 1uF 16V
C273	1-164-346-11	s CERAMIC 1uF 16V
C274	*t 1-113-682-11	s CAPACITOR,TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C275	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C276	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C277	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C278	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C282	1-164-346-11	s CERAMIC 1uF 16V
C283	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C284	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C285	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C286	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C287	*t 1-113-682-11	s CAPACITOR,TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C288	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C289	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C290	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C291	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C292	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C293	*t 1-113-682-11	s CAPACITOR,TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C294	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C296	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C297	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C298	*t 1-113-682-11	s CAPACITOR,TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C300	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C330	1-164-230-11	s	CAPACITOR, CERAMIC 220PF/50V
C331	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V
C332	1-162-918-11	s	CERAMIC, CHIP 18PF 5% 50V
C333	1-162-928-11	s	CERAMIC, CHIP 120PF 5% 50V
C334	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C335	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C336	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C337	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C338	*t 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C339	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V
C340	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C341	1-113-996-11	s	TANTALUM, CHIP 220uF 20% 4V
C342	*t 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C343	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C344	*t 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C345	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V
C346	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C347	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C348	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C349	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C350	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C351	*t 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C352	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C353	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C354	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C355	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C356	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C357	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V
C358	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C359	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C360	*t 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C361	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C362	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C363	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C364	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C365	*t 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C366	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C367	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C368	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C401	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C402	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C403	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C404	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C405	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C407	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C408	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C409	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C410	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C411	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C412	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C413	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C414	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C415	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C416	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C417	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C421	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C422	1-162-920-11	s	CERAMIC, CHIP 27PF 5% 50V
C423	1-162-919-11	s	CAPACITOR, CERAMIC 22PF/50V 1608
C424	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C425	1-162-911-11	s	CAPACITOR, CERAMIC 6PF/50V 1608
C426	*i 1-104-850-11	s	CAPACITOR, TANTALUM 6.8MF/10V
	*h 1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C427	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C428	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C429	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C430	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C431	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C432	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C433	*t 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C434	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C435	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C436	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C437	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C451	*t 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C452	1-164-346-11	s	CERAMIC 1uF 16V
C454	1-135-091-00	s	TANTALUM, CHIP 1uF 10% 16V
C455	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C456	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C457	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C458	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C459	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C460	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C461	1-135-091-00	s	TANTALUM, CHIP 1uF 10% 16V
C462	1-135-091-00	s	TANTALUM, CHIP 1uF 10% 16V
C466	1-164-218-11	s	CERAMIC, CHIP 180PF 50V
C467	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C468	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C469	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C472	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C473	1-162-911-11	s	CAPACITOR, CERAMIC 6PF/50V 1608
C474	1-162-920-11	s	CERAMIC, CHIP 27PF 5% 50V
C475	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C476	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C478	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C479	1-162-967-11	s	CERAMIC, CHIP 0.0033uF 10% 50V
C480	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C481	1-162-967-11	s	CERAMIC, CHIP 0.0033uF 10% 50V
C482	1-104-912-11	s	TANTALUM, CHIP 3.3uF 20% 16V
C506	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C511	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C512	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C513	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C514	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C515	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C521	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C522	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C523	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C531	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C532	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C533	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C551	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP Description
C552	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C553	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C554	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C555	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C556	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C557	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C558	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C611	1-162-910-11	s CERAMIC, CHIP 5PF 50V
C614	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C615	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C616	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C617	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C627	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C628	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C631	1-162-966-11	s CERAMIC, CHIP 0.0022uF 10% 50V
C632	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C633	1-165-176-11	s CERAMIC 0.047uF 10% 16V
C634	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C635	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C636	1-135-149-21	s CAPACITOR, TANTALUM 2.2MF/10V
C637	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C640	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C651	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C652	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C653	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C654	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C655	1-162-915-11	s CERAMIC, CHIP 10PF 50V
C656	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C657	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C658	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C659	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C671	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C672	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C673	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C674	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C675	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C676	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C677	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C678	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C679	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C680	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C681	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C682	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C683	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C684	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C685	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C686	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C701	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C702	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C711	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C712	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C713	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C714	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C715	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C716	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C721	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C722	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C723	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C724	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP Description
C725	*t 1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C726	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C727	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C728	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C729	*t 1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C730	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C731	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C732	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C733	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C734	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C735	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C740	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C741	1-162-964-11	s CERAMIC, CHIP 0.001uF 10% 50V
C743	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C744	*b 1-113-642-11	s CAPACITOR, TANTALUM 47MF/10
	*a 1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
C745	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C746	1-109-994-11	s CERAMIC, CHIP 2.2uF 10% 10V
C747	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C748	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C749	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C750	*b 1-135-177-21	s CAPACITOR, TANTALUM 1MF/25
	*a 1-131-347-00	s TANTALUM 1.0UF 10% 35V
C751	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C752	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C753	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C801	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C802	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C803	*t 1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C804	*t 1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C805	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C806	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C807	1-104-852-11	s TANTALUM, CHIP 22uF 20% 6.3V
C808	1-104-852-11	s TANTALUM, CHIP 22uF 20% 6.3V
C809	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C810	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C811	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C812	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C813	1-164-230-11	s CAPACITOR, CERAMIC 220PF/50V
C814	1-164-230-11	s CAPACITOR, CERAMIC 220PF/50V
C815	*t 1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C816	1-104-547-11	s FILM, CHIP 0.0047uF 5% 16V
C817	1-104-547-11	s FILM, CHIP 0.0047uF 5% 16V
C818	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C819	1-104-547-11	s FILM, CHIP 0.0047uF 5% 16V
C820	1-104-547-11	s FILM, CHIP 0.0047uF 5% 16V
C821	*t 1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C822	*t 1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C823	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C824	*t 1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
	*d 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C825	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C826	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C827	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C828	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C829	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C830	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C831	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C832	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C833	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C834	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C835	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C836	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C837	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C838	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C839	1-104-546-11	s	FILM, CHIP 0.0039uF 5% 16V
C840	1-104-546-11	s	FILM, CHIP 0.0039uF 5% 16V
C841	1-164-392-11	s	CERAMIC 390PF 5% 50V
C842	1-164-392-11	s	CERAMIC 390PF 5% 50V
C843	1-162-915-11	s	CERAMIC, CHIP 10PF 50V
C844	1-162-915-11	s	CERAMIC, CHIP 10PF 50V
C845	1-162-959-11	s	CERAMIC, CHIP 330PF 5% 50V
C846	1-162-959-11	s	CERAMIC, CHIP 330PF 5% 50V
C847	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C848	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C849	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C850	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C851	*t 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*d 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C852	*t 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*d 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C853	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C854	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C855	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C856	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C857	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C858	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C859	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C860	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C861	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C862	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C863	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C864	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C865	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C906	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C907	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
CN403	1-774-391-11	o	CONNECTOR, BB 60P, MALE
CN416	1-568-357-11	o	CONNECTOR, BB 16P, FEMALE
CN417	1-568-357-11	o	CONNECTOR, BB 16P, FEMALE
CT202	1-141-322-11	s	CAP, TRIMMER, CHIP 20PF
CT421	1-141-327-11	s	CAPACITOR, VAR, TRIMMER, (CHIP)
CT501	1-141-327-11	s	CAPACITOR, VAR, TRIMMER, (CHIP)
D151	8-719-941-04	s	DIODE SB007-03CP
D171	8-719-941-04	s	DIODE SB007-03CP
D201	8-719-941-04	s	DIODE SB007-03CP
D202	8-719-059-51	s	MA3J142EOLS0
D203	8-719-059-51	s	MA3J142EOLS0
D421	8-719-002-81	s	DIODE 1T363
D451	8-719-041-39	s	DIODE KV1470
D613	8-719-041-39	s	DIODE KV1470
D614	8-719-027-95	s	DIODE HSM88WK

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Ref. No. or Q'ty	Part No.	SP	Description
D721	8-719-041-39	s	DIODE KV1470
E221	*k 1-535-877-22	s	CHIP, CHECKER
	*j 1-535-757-11	s	CHIP, CHECKER
E611	*k 1-535-877-22	s	CHIP, CHECKER
	*j 1-535-757-11	s	CHIP, CHECKER
FL221	1-233-345-21	s	FILTER, LOW PASS 5.5MHZ
FL222	1-233-776-11	s	FILTER, LOW PASS 1.6MHZ
FL223	1-233-776-11	s	FILTER, LOW PASS 1.6MHZ
FL263	1-233-346-21	s	FILTER, BAND PASS 3.58MHZ
IC151	8-759-324-03	s	IC HA17431UA-TL
IC152	8-752-376-32	s	IC CXD2310AR
IC153	8-759-058-58	s	IC TC7S04FU(TE85R)
IC154	8-759-422-21	s	IC NJM4580V(TE2)
IC171	8-759-324-03	s	IC HA17431UA-TL
IC172	*b 8-759-447-90	s	IC TLC5733AIPM
	*a 8-759-386-44	s	IC TLC5733IPM
IC173	8-759-523-49	s	IC TC74ACT541FT(EL)
IC201	8-752-371-65	s	IC CXD2304R
IC221	8-759-082-60	s	IC TC7S66FU
IC222	8-759-082-60	s	IC TC7S66FU
IC261	8-752-056-59	s	IC CXA1592R
IC262	8-752-053-21	s	IC CXA1211M
IC263	8-752-053-21	s	IC CXA1211M
IC265	*q 8-759-660-23	s	IC SN74HCT08APWR
	*p 8-759-050-53	s	IC SN74HCT08APW-E20
IC266	*q 8-759-660-23	s	IC SN74HCT08APWR
	*p 8-759-050-53	s	IC SN74HCT08APW-E20
IC267	8-759-067-52	s	IC MB88347PFV-G-BND-ER
IC268	8-759-067-52	s	IC MB88347PFV-G-BND-ER
IC269	8-759-196-96	s	IC TC7SH08FU-TE85R
IC331	8-752-054-80	s	IC CXA1521M
IC332	8-752-072-86	s	IC CXA1822Q
IC333	8-752-053-21	s	IC CXA1211M
IC334	8-752-053-21	s	IC CXA1211M
IC335	8-759-262-03	s	IC MC14577CF
IC401	8-759-464-95	s	IC AK6420AF-E2
IC402	8-759-392-81	s	IC SN74LVC16245ADGGR
IC403	8-759-392-81	s	IC SN74LVC16245ADGGR
IC404	8-759-271-86	s	IC TC7SH04FU
IC405	*g 8-759-457-61	s	IC CXD8628BR
	*f 8-759-432-64	s	IC CXD8628AR
IC406	8-752-374-89	s	IC CXD2192Q
IC407	8-759-198-63	s	IC S-81230SG-QB-T1
IC408	8-759-343-09	s	IC CXD2193AR-ER
IC409	8-759-392-81	s	IC SN74LVC16245ADGGR
IC410	8-759-271-86	s	IC TC7SH04FU
IC411	8-759-386-27	s	IC 74LCX04MTCX
IC451	8-759-987-27	s	IC LM1881M
IC453	8-759-907-81	s	IC SN74LS221NS
IC454	8-759-524-19	s	IC TC74VHC164FT(EL)
IC455	8-759-271-86	s	IC TC7SH04FU
IC511	8-752-378-68	s	IC CXD3101R
IC521	8-759-328-28	s	IC ZA4024
IC531	8-759-328-28	s	IC ZA4024
IC551	8-759-426-26	s	IC CXD8608R
IC552	8-759-524-52	s	IC TC74VHC574FT(EL)
IC553	8-759-524-52	s	IC TC74VHC574FT(EL)
IC611	8-752-375-05	s	IC CXD2191R

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Ref. No. or Q'ty	Part No.	SP	Description
IC612	8-759-524-10	s	IC TC74VHC157FT(EL)
IC651 *m	8-752-877-52	s	IC CXP911016-010Q
*e	8-752-869-79	s	IC CXP911P016Q-1-012
*d	8-752-851-38	s	IC CXP911P016Q-1
IC652	8-759-464-95	s	IC AK6420AF-E2
IC671	8-759-385-90	s	IC CXD2187AR
IC672 *o	8-759-585-05	s	IC CXD8627BR
*n	8-759-447-98	s	IC CXD8627AR
IC673	8-759-082-60	s	IC TC7S66FU
IC681	8-759-337-30	s	IC UPD482445LGW-B10-E2
IC701	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC711	8-752-374-96	s	IC CXD2190R
IC721	8-759-271-86	s	IC TC7SH04FU
IC722	8-759-271-86	s	IC TC7SH04FU
IC723	8-759-362-16	s	IC CXD2913AQ
IC724	8-759-327-01	s	IC NJM062V(Te2)
IC726	8-759-082-60	s	IC TC7S66FU
IC801	8-759-422-21	s	IC NJM4580V(Te2)
IC803	8-759-357-73	s	IC TL32088CNS-E20
IC804	8-759-357-74	s	IC TLC320AD58CDWR
IC805	8-759-173-51	s	IC SM5872AS-ET
IC806	8-759-422-21	s	IC NJM4580V(Te2)
IC807	8-759-422-21	s	IC NJM4580V(Te2)
IC808	8-759-422-21	s	IC NJM4580V(Te2)
IC810 *c	8-759-341-28	s	IC HM51W4400TT6-8
IC811	8-752-374-97	s	IC CXD2705AR
IC812 *q	8-759-051-49	s	IC SN74HCT541APWR
*p	8-759-051-48	s	IC SN74HCT541APW-E05
IC813	8-759-523-94	s	IC TC74VHC32FT(EL)
IC815	8-759-184-64	s	IC TC4W66FU
IC816	8-759-184-64	s	IC TC4W66FU
L151	1-414-444-11	s	INDUCTOR, CHIP 00H
L152	1-414-398-11	s	INDUCTOR 10UH
L153	1-414-398-11	s	INDUCTOR 10UH
L201	1-414-398-11	s	INDUCTOR 10UH
L202	1-414-398-11	s	INDUCTOR 10UH
L221	1-414-402-11	s	INDUCTOR 47UH
L251	1-414-402-11	s	INDUCTOR 47UH
L262	1-414-398-11	s	INDUCTOR 10UH
L263	1-414-398-11	s	INDUCTOR 10UH
L264	1-414-398-11	s	INDUCTOR 10UH
L331	1-414-402-11	s	INDUCTOR 47UH
L332	1-410-390-11	s	INDUCTOR, CHIP 56uH
L333	1-414-402-11	s	INDUCTOR 47UH
L334	1-414-402-11	s	INDUCTOR 47UH
L401	1-414-398-11	s	INDUCTOR 10UH
L402	1-414-398-11	s	INDUCTOR 10UH
L421	1-414-398-11	s	INDUCTOR 10UH
L451	1-414-398-11	s	INDUCTOR 10UH
L452	1-411-275-21	s	COIL, VARIABLE 5.6UH
L511	1-414-398-11	s	INDUCTOR 10UH
L551	1-414-398-11	s	INDUCTOR 10UH
L611	1-414-402-11	s	INDUCTOR 47UH
L613	1-410-740-31	s	INDUCTOR, CHIP 0.82UH
L651	1-414-398-11	s	INDUCTOR 10UH
L671	1-414-398-11	s	INDUCTOR 10UH
L672	1-414-398-11	s	INDUCTOR 10UH
L681	1-414-398-11	s	INDUCTOR 10UH
L701	1-414-398-11	s	INDUCTOR 10UH

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Ref. No. or Q'ty	Part No.	SP	Description
L711	1-414-398-11	s	INDUCTOR 10UH
L721	1-414-398-11	s	INDUCTOR 10UH
L723	1-414-398-11	s	INDUCTOR 10UH
L724	1-414-398-11	s	INDUCTOR 10UH
L725	1-411-984-11	s	COIL, VARIABLE 15UH
L726	1-414-398-11	s	INDUCTOR 10UH
L727	1-414-398-11	s	INDUCTOR 10UH
L801	1-414-398-11	s	INDUCTOR 10UH
L802	1-414-398-11	s	INDUCTOR 10UH
L803	1-414-398-11	s	INDUCTOR 10UH
L804	1-414-398-11	s	INDUCTOR 10UH
L805	1-410-393-11	s	INDUCTOR, CHIP 100uH
L806	1-410-393-11	s	INDUCTOR, CHIP 100uH
L807	1-414-398-11	s	INDUCTOR 10UH
L808	1-414-398-11	s	INDUCTOR 10UH
L809	1-414-398-11	s	INDUCTOR 10UH
L901	1-414-392-21	s	INDUCTOR 1UH
L902	1-414-392-21	s	INDUCTOR 1UH
L903	1-414-392-21	s	INDUCTOR 1UH
L904	1-414-392-21	s	INDUCTOR 1UH
L905	1-414-392-21	s	INDUCTOR 1UH
Q151	8-729-927-59	s	TRANSISTOR UMZ1
Q152	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q221	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q222	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q223	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q224	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q225	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q226	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q227	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q228	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q229	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q230	8-729-015-88	s	TRANSISTOR UMC3TL
Q331	8-729-927-59	s	TRANSISTOR UMZ1
Q332	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q333	8-729-015-88	s	TRANSISTOR UMC3TL
Q334	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q335	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q336	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q337	8-729-927-59	s	TRANSISTOR UMZ1
Q338	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q339	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q723	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q801	8-729-015-88	s	TRANSISTOR UMC3TL
Q802	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q803	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q901	8-729-023-16	s	TRANSISTOR SI9953DY-T1
Q902	8-729-927-74	s	TRANSISTOR UMG2
Q903 *b	8-729-015-88	s	TRANSISTOR UMC3TL
Q904 *b	8-729-015-88	s	TRANSISTOR UMC3TL
R151	1-218-878-11	s	RESISTOR, CHIP 20K 1/16W (1608)
R152	1-218-878-11	s	RESISTOR, CHIP 20K 1/16W (1608)
R153	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R154	1-218-873-11	s	RESISTOR, CHIP 12K 1/16W (1608)
R155	1-218-878-11	s	RESISTOR, CHIP 20K 1/16W (1608)
R156	1-216-821-11	s	RESISTOR, CHIP 1.0K 1/16W (1608)
R157	1-216-809-11	s	RESISTOR, CHIP 100 1/16W 1608
R159	1-216-824-11	s	METAL, CHIP 1.8K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R160	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R161	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R163	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R165	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R174	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R175	1-216-809-11	s RESISTOR, CHIP 100 1/16W (1608)
R176	1-218-849-11	s RESISTOR, CHIP 1.2K 1/16W (1608)
R177	1-218-849-11	s RESISTOR, CHIP 1.2K 1/16W (1608)
R178	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R180	1-218-849-11	s RESISTOR, CHIP 1.2K 1/16W (1608)
R201	1-218-835-11	s RESISTOR, CHIP 330 1/16W (1608)
R202	1-218-835-11	s RESISTOR, CHIP 330 1/16W (1608)
R203	1-218-835-11	s RESISTOR, CHIP 330 1/16W (1608)
R204	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R205	1-218-879-11	s RESISTOR, CHIP 22K 1/16W (1608)
R206	1-218-879-11	s RESISTOR, CHIP 22K 1/16W (1608)
R207	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R210	1-211-985-11	s RESISTOR, CHIP 47 1/16W (1608)
R212	1-216-296-91	s CONDUCTOR, CHIP 3216
R221	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R222	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R223	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R224	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R225	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R226	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R227	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R228	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R229	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R230	1-218-839-11	s RESISTOR, CHIP 470 1/16W (1608)
R231	1-218-841-11	s RESISTOR, CHIP 560 1/16W (1608)
R232	1-216-815-11	s METAL, CHIP 330 5% 1/16W
R233	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R234	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R235	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R236	1-218-839-11	s RESISTOR, CHIP 470 1/16W (1608)
R237	1-218-841-11	s RESISTOR, CHIP 560 1/16W (1608)
R238	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R262	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R264	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R266	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R267	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R268	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R269	1-216-837-11	s METAL, CHIP 22K 5% 1/16W
R271	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R272	1-216-840-11	s METAL, CHIP 39K 5% 1/16W
R273	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R274	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R275	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R278	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R279	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R280	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R281	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R282	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R284	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R287	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R304	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R307	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R310	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R312	1-216-845-11	s METAL, CHIP 100K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R313	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R314	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R316	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R331	1-218-989-11	s RESISTOR, CHIP 68 1/16W (1608)
R332	1-218-989-11	s RESISTOR, CHIP 68 1/16W (1608)
R333	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R334	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R335	1-211-990-11	s RESISTOR, CHIP 75 1/16W (1608)
R336	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R337	1-218-849-11	s RESISTOR, CHIP 1.2K 1/16W (1608)
R338	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R339	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R340	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R341	1-211-990-11	s RESISTOR, CHIP 75 1/16W (1608)
R342	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R343	1-211-990-11	s RESISTOR, CHIP 75 1/16W (1608)
R344	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R345	1-218-835-11	s RESISTOR, CHIP 330 1/16W (1608)
R346	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R347	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R348	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R349	1-218-875-11	s RESISTOR, CHIP 15K 1/16W (1608)
R350	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R351	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R352	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R353	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R354	1-218-860-11	s RESISTOR, CHIP 3.6K 1/16W (1608)
R355	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R356	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R357	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R358	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R359	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R360	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R361	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R362	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R365	1-218-843-11	s RESISTOR, CHIP 680 1/16W (1608)
R366	1-218-841-11	s RESISTOR, CHIP 560 1/16W (1608)
R367	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R368	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R369	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R370	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R371	1-218-855-11	s RESISTOR, CHIP 2.2K 1/16W (1608)
R372	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R373	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R374	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R375	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R376	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R377	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R402	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R403	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R404	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R405	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R406	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R407	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R408	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R410	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R411	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R413	1-216-809-11	s METAL, CHIP 100 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R416	*b 1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R417	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R421	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R422	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R423	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R424	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R426	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R427	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R428	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R429	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R431	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R432	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R439	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R440	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R441	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R442	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R443	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R446	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R451	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R452	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R454	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R455	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R456	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R457	1-218-855-11	s RESISTOR, CHIP 2.2K 1/16W (1608)
R458	1-211-987-11	s RESISTOR, CHIP 56 1/16W (1608)
R459	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R460	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R462	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R464	1-218-855-11	s RESISTOR, CHIP 2.2K 1/16W (1608)
R465	1-218-989-11	s RESISTOR, CHIP 68 1/16W (1608)
R466	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R467	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R469	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R471	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R472	1-218-892-11	s RESISTOR, CHIP 75K 1/16W (1608)
R473	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R474	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R475	1-218-875-11	s RESISTOR, CHIP 15K 1/16W (1608)
R478	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R480	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R482	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R489	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R490	1-218-903-11	s RESISTOR, CHIP 220K 1/16W (1608)
R491	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R492	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R493	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R494	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R495	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R496	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R498	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R501	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R516	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R517	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R530	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R531	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R533	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R536	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R539	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R540	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R541	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R542	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R545	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R548	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R549	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R551	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R558	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R601	*b 1-216-809-11	s METAL, CHIP 100 5% 1/16W
R611	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R612	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R613	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R614	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R615	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R617	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R618	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R621	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R622	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R623	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R624	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R625	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R627	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R628	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R629	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R630	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R631	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R633	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R634	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R635	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R651	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R652	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R653	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R654	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R655	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R656	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R657	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R658	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R659	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R660	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R661	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R662	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R663	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R664	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R665	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R671	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R672	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R675	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R676	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R685	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R711	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R715	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R716	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R717	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R718	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R719	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R720	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R724	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R725	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R726	1-216-841-11	s METAL, CHIP 47K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP Description
R728	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R729	1-218-879-11	s RESISTOR, CHIP 22K 1/16W (1608)
R730	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R731	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R732	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R734	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R735	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R741	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R742	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R743	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R744	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R745	1-218-887-11	s RESISTOR, CHIP 47K 1/16W (1608)
R746	1-218-883-11	s RESISTOR, CHIP 33K 1/16W (1608)
R747	1-218-887-11	s RESISTOR, CHIP 47K 1/16W (1608)
R748	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R749	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R751	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R752	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R754	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R756	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R758	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R760	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R762	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R763	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R766	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R801	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R802	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R803	1-218-724-11	s METAL, CHIP 22K 0.50% 1/16W
R804	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R806	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R807	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R808	1-218-879-11	s RESISTOR, CHIP 22K 1/16W (1608)
R809	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R810	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R811	1-218-872-11	s RESISTOR, CHIP 11K 1/16W (1608)
R812	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R813	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R814	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R815	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R816	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R817	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R818	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R819	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R820	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R821	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R822	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R823	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R824	1-218-880-11	s RESISTOR, CHIP 24K 1/16W (1608)
R825	1-218-880-11	s RESISTOR, CHIP 24K 1/16W (1608)
R826	1-218-880-11	s RESISTOR, CHIP 24K 1/16W (1608)
R827	1-218-880-11	s RESISTOR, CHIP 24K 1/16W (1608)
R828	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R829	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R830	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R831	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R832	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R833	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R834	1-218-860-11	s RESISTOR, CHIP 3.6K 1/16W (1608)
R835	1-218-860-11	s RESISTOR, CHIP 3.6K 1/16W (1608)

(VA-172 BOARD (DSR-1))

Ref. No. or Q'ty	Part No.	SP Description
R836	1-218-859-11	s RESISTOR, CHIP 3.3K 1/16W (1608)
R837	1-218-859-11	s RESISTOR, CHIP 3.3K 1/16W (1608)
R839	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R840	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R841	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R842	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R843	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R844	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R845	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R846	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R847	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R848	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R849	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R852	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R853	1-218-872-11	s RESISTOR, CHIP 11K 1/16W (1608)
R854	1-218-879-11	s RESISTOR, CHIP 22K 1/16W (1608)
R855	1-218-872-11	s RESISTOR, CHIP 11K 1/16W (1608)
R856	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R857	1-218-872-11	s RESISTOR, CHIP 11K 1/16W (1608)
R858	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R859	1-218-739-11	s METAL, CHIP 91K 0.5% 1/16W
R860	1-218-739-11	s METAL, CHIP 91K 0.5% 1/16W
R861	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R862	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R863	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R864	1-218-878-11	s RESISTOR, CHIP 20K 1/16W (1608)
R865	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R867	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R868	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R869	1-218-878-11	s RESISTOR, CHIP 20K 1/16W (1608)
R870	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R901	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R902	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R903	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R904	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
RB262	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB263	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB401	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB402	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB403	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB404	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB421	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB422	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB423	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB424	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB501	1-239-711-11	s RESISTOR BLOCK, CHIP 0x4
RB502	1-239-711-11	s RESISTOR BLOCK, CHIP 0x4
RB511	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB552	1-239-711-11	s RESISTOR BLOCK, CHIP 0x4
RB553	1-239-711-11	s RESISTOR BLOCK, CHIP 0x4
RB554	1-239-711-11	s RESISTOR BLOCK, CHIP 0x4
RB611	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB612	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB613	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB651	1-236-436-11	s RESISTOR BLOCK, CHIP 100Kx2
RB652	1-236-400-11	s RESISTOR BLOCK, CHIP 100x2
RB653	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB654	1-236-400-11	s RESISTOR BLOCK, CHIP 100x2
RB655	1-236-400-11	s RESISTOR BLOCK, CHIP 100x2

(VA-172 BOARD (DSR-1))

Ref. No. or Q'ty	Part No.	SP Description
RB656	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB671	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB672	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB673	1-236-440-11	s RESISTOR BLOCK, CHIP 220Kx2
RB674	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB675	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB702	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RV221	1-223-274-11	s RES, ADJ CERMET 2.2K
RV222	1-223-274-11	s RES, ADJ CERMET 2.2K
RV452	1-223-273-11	s RES, ADJ CERMET 1K
TP261	1-535-757-11	s CHIP, CHECKER
TP262	1-535-757-11	s CHIP, CHECKER
TP263	1-535-757-11	s CHIP, CHECKER
TP401	1-535-757-11	s CHIP, CHECKER
TP402	1-535-757-11	s CHIP, CHECKER
TP403	1-535-757-11	s CHIP, CHECKER
TP611	1-535-757-11	s CHIP, CHECKER
TP612	1-535-757-11	s CHIP, CHECKER
X421	1-579-738-21	s CRYSTAL 14.318182MHz
X611	1-760-654-21	s CRYSTAL 13.5MHz
X651	1-760-655-21	s CRYSTAL 20.0MHz

VA-172P BOARD (DSR-1P)

*a: Lot No. 605 - 610
 *b: Lot No. 611 -
 *c: Lot No. 605 - 612
 *d: Lot No. 701 - 812
 *e: Lot No. 605 - 701
 *f: Lot No. 702 -
 *g: Lot No. 605 - 611
 *h: Lot No. 612 -
 *i: Lot No. 605 - 703
 *j: Lot No. 704 -
 *k: Lot No. 901 -
 *m: Lot No. 605 - 910
 *n: Lot No. 911 -
 *o: Lot No. 605 - 912
 *p: Lot No. 001 -
 *q: Lot No. 605 - 004
 *r: Lot No. 005 -
 *s: Lot No. 701 -

Ref. No. or Q'ty	Part No.	SP Description
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1pc	A-8277-848-A	s MOUNTED CIRCUIT BOARD, VA-172P
2pcs	*r 3-603-737-02	o LEVER,BOARD
	*q 3-603-737-01	o LEVER,BOARD
3pcs	7-621-772-10	s SCREW +B 2X4
4pcs	7-622-205-05	s NUT M2 TYPE2
4pcs	7-628-253-20	s SCREW +PS 2X6

C151	*s 1-113-682-11	s CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C152	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C153	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C154	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C155	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C156	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C157	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C158	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C159	1-164-315-11	s CERAMIC, CHIP 470PF 5% 50V
C160	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C161	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C162	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C164	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C166	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C167	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C168	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C169	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C170	*b 1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C171	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C173	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C174	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C175	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V
C177	1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C178	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C179	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C180	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C181	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C182	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C183	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C184	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C185	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C186	*s 1-113-682-11	s CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s TANTALUM, CHIP 47uF 20% 6.3V
C187	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C188	1-164-156-11	s CAPACITOR, CERAMIC 0.1MF/25V F
C189	1-104-851-11	s TANTALUM, CHIP 10uF 20% 10V

(VA-172P BOARD (DSR-1P))

Ref. No. or Q'ty	Part No.	SP	Description
C190	1-135-070-00	s	TANTALUM, CHIP 0.1uF 10% 35V
C191	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C192	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C193	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C201	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C202	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C203	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C204	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C205	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C206	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C207	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C208	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C209	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C211	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C212	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C213	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C214	1-162-918-11	s	CERAMIC, CHIP 18PF 5% 50V
C215	1-162-918-11	s	CERAMIC, CHIP 18PF 5% 50V
C216	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C251	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C252	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C261	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C262	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C263	1-164-346-11	s	CERAMIC 1uF 16V
C264	1-164-346-11	s	CERAMIC 1uF 16V
C265	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C266	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C267	1-164-346-11	s	CERAMIC 1uF 16V
C269	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C270	1-164-346-11	s	CERAMIC 1uF 16V
C271	1-164-346-11	s	CERAMIC 1uF 16V
C273	1-164-346-11	s	CERAMIC 1uF 16V
C274	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C275	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C276	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C277	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C278	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C282	1-164-346-11	s	CERAMIC 1uF 16V
C283	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C284	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C285	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C286	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C287	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C288	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C289	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C290	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C291	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C292	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C293	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C294	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C296	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C297	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C298	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C300	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C330	1-164-230-11	s	CAPACITOR, CERAMIC 220PF/50V

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Ref. No. or Q'ty	Part No.	SP	Description
C331	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V
C332	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C333	1-164-230-11	s	CAPACITOR, CERAMIC 220PF/50V
C334	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C335	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C336	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C337	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C338	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C339	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V
C340	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C341	1-113-996-11	s	TANTALUM, CHIP 220uF 20% 4V
C342	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C343	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C344	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C345	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V
C346	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C347	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C348	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C349	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C351	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C352	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C353	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C354	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C355	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C356	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C357	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V
C358	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C359	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C360	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C361	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C362	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C363	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C364	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C365	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C366	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C367	1-162-919-11	s	CERAMIC, CHIP 22PF 5% 50V
C368	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C401	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C402	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C403	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C404	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C405	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C407	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C408	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C409	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C410	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C411	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C412	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C413	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C414	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C415	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C416	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C417	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C421	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C422	1-162-920-11	s	CERAMIC, CHIP 27PF 5% 50V
C423	1-162-916-11	s	CAPACITOR, CHIP CERAMIC 12PF/50V
C424	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C425	1-162-913-11	s	CAPACITOR, CHIP CERAMIC 8PF/50V
C426	*h 1-104-850-11	s	CAPACITOR, TANTALUM 6.8MF/10V
	*g 1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C427	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C428	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C429	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C430	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C431	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C432	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C433	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C434	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C435	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C436	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C437	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C451	*s 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C452	1-164-346-11	s	CERAMIC 1uF 16V
C454	1-135-091-00	s	TANTALUM, CHIP 1uF 10% 16V
C455	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C456	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C457	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C458	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C459	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C460	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C461	1-135-091-00	s	TANTALUM, CHIP 1uF 10% 16V
C462	1-135-091-00	s	TANTALUM, CHIP 1uF 10% 16V
C466	1-164-218-11	s	CERAMIC, CHIP 180PF 50V
C467	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C468	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C469	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C472	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C473	1-162-911-11	s	CERAMIC, CHIP 6PF 50V
C474	1-162-921-11	s	CERAMIC, CHIP 33PF 5% 50V
C475	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C476	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C478	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C479	1-162-967-11	s	CERAMIC, CHIP 0.0033uF 10% 50V
C480	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C481	1-162-967-11	s	CERAMIC, CHIP 0.0033uF 10% 50V
C482	1-104-912-11	s	TANTALUM, CHIP 3.3uF 20% 16V
C501	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C503	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C504	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C505	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C506	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C511	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C512	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C513	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C514	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C515	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C521	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C522	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C523	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C531	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C532	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C533	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C551	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C552	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C553	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C554	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C555	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C556	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C557	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C558	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C611	1-162-910-11	s	CERAMIC, CHIP 5PF 50V
C614	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C615	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C616	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C617	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C627	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C628	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C631	1-162-966-11	s	CERAMIC, CHIP 0.0022uF 10% 50V
C632	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C633	1-165-176-11	s	CERAMIC 0.047uF 10% 16V
C634	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C635	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C636	1-135-149-21	s	CAPACITOR, TANTALUM 2.2MF/10V
C637	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C640	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V
C651	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C652	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C653	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C654	1-162-915-11	s	CERAMIC, CHIP 10PF 50V
C655	1-162-915-11	s	CERAMIC, CHIP 10PF 50V
C656	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C657	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C658	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C659	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C671	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C672	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C673	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C674	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C675	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C676	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C677	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C678	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C679	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C680	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C681	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C682	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C683	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C684	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C685	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C686	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C701	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C702	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C711	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C712	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C713	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C714	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C715	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C716	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C721	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C722	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C723	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C724	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C725	*s 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C726	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C727	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C728	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C729	*s 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C730	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C731	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C732	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C733	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C734	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C735	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C740	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C741	1-162-964-11	s	CERAMIC, CHIP 0.001uF 10% 50V
C743	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C744	*b 1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10
	*a 1-113-682-11	s	CAPACITOR, TANTALUM 33MF/10V
C745	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C746	1-109-994-11	s	CERAMIC, CHIP 2.2uF 10% 10V
C747	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C748	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C749	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C750	*b 1-135-177-21	s	CAPACITOR, TANTALUM 1MF/25
	*a 1-131-347-00	s	TANTALUM 1.0uF 10% 35V
C751	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C752	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C753	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C801	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C802	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C803	*s 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C804	*s 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C805	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C806	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C807	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 6.3V
C808	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 6.3V
C809	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C810	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C811	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C812	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C813	1-164-230-11	s	CAPACITOR, CERAMIC 220PF/50V
C814	1-164-230-11	s	CAPACITOR, CERAMIC 220PF/50V
C815	*s 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C816	1-104-547-11	s	FILM, CHIP 0.0047uF 5% 16V
C817	1-104-547-11	s	FILM, CHIP 0.0047uF 5% 16V
C818	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C819	1-104-547-11	s	FILM, CHIP 0.0047uF 5% 16V
C820	1-104-547-11	s	FILM, CHIP 0.0047uF 5% 16V
C821	*s 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C822	*s 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C823	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C824	*s 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V

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Ref. No. or Q'ty	Part No.	SP	Description
C825	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C826	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C827	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C828	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C829	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C830	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C831	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C832	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C833	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C834	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C835	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C836	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C837	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C838	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C839	1-104-546-11	s	FILM, CHIP 0.0039uF 5% 16V
C840	1-104-546-11	s	FILM, CHIP 0.0039uF 5% 16V
C841	1-164-392-11	s	CERAMIC 390PF 5% 50V
C842	1-164-392-11	s	CERAMIC 390PF 5% 50V
C843	1-162-915-11	s	CERAMIC, CHIP 10PF 50V
C844	1-162-915-11	s	CERAMIC, CHIP 10PF 50V
C845	1-162-959-11	s	CERAMIC, CHIP 330PF 5% 50V
C846	1-162-959-11	s	CERAMIC, CHIP 330PF 5% 50V
C847	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C848	1-162-927-11	s	CERAMIC, CHIP 100PF 5% 50V
C849	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C850	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C851	*s 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C852	*s 1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
	*c 1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C853	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C854	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C855	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C856	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C857	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C858	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C859	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C860	1-164-315-11	s	CERAMIC, CHIP 470PF 5% 50V
C861	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C862	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C863	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C864	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C865	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C906	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C907	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
CN403	1-774-391-11	o	CONNECTOR, BB 60P, MALE
CN416	1-568-357-11	o	CONNECTOR, BB 16P, FEMALE
CN417	1-568-357-11	o	CONNECTOR, BB 16P, FEMALE
CT202	1-141-322-11	s	CAP, TRIMMER, CHIP 20PF
CT421	1-141-327-11	s	CAPACITOR, VAR, TRIMMER, (CHIP)
CT501	1-141-327-11	s	CAPACITOR, VAR, TRIMMER, (CHIP)
D151	8-719-941-04	s	DIODE SB007-03CP
D171	8-719-941-04	s	DIODE SB007-03CP
D201	8-719-941-04	s	DIODE SB007-03CP
D421	8-719-002-81	s	DIODE 1T363
D451	8-719-041-39	s	DIODE KV1470
D613	8-719-041-39	s	DIODE KV1470
D614	8-719-027-95	s	DIODE HSM88WK

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Ref. No. or Q'ty	Part No.	SP Description
D721	8-719-041-39	s DIODE KV1470
E221	*j 1-535-877-22	s CHIP, CHECKER
	*i 1-535-757-11	s CHIP, CHECKER
E611	*j 1-535-877-22	s CHIP, CHECKER
	*i 1-535-757-11	s CHIP, CHECKER
FL221	1-233-345-21	s FILTER, LOW PASS 5.5MHZ
FL222	1-233-776-11	s FILTER, LOW PASS 1.6MHZ
FL223	1-233-776-11	s FILTER, LOW PASS 1.6MHZ
FL263	1-233-390-21	s FILTER, BAND PASS 4.43MHZ
IC151	8-759-324-03	s IC HA17431UA-TL
IC152	8-752-376-32	s IC CXD2310AR
IC153	8-759-058-58	s IC TC7S04FU(TE85R)
IC154	8-759-422-21	s IC NJM4580V(TE2)
IC171	8-759-324-03	s IC HA17431UA-TL
IC172	*b 8-759-447-90	s IC TLC5733AIPM
	*a 8-759-386-44	s IC TLC5733IPM
IC173	8-759-523-49	s IC TC74ACT541FT(EL)
IC201	8-752-371-65	s IC CXD2304R
IC221	8-759-082-60	s IC TC7S66FU
IC222	8-759-082-60	s IC TC7S66FU
IC261	8-752-056-59	s IC CXA1592R
IC262	8-752-053-21	s IC CXA1211M
IC263	8-752-053-21	s IC CXA1211M
IC265	*p 8-759-660-23	s IC SN74HCT08APWR
	*o 8-759-050-53	s IC SN74HCT08APW-E20
IC266	*p 8-759-660-23	s IC SN74HCT08APWR
	*o 8-759-050-53	s IC SN74HCT08APW-E20
IC267	8-759-067-52	s IC MB88347PFV-G-BND-ER
IC268	8-759-067-52	s IC MB88347PFV-G-BND-ER
IC269	8-759-196-96	s IC TC7SH08FU-TE85R
IC331	8-752-054-80	s IC CXA1521M
IC332	8-752-072-86	s IC CXA1822Q
IC333	8-752-053-21	s IC CXA1211M
IC334	8-752-053-21	s IC CXA1211M
IC335	8-759-262-03	s IC MC14577CF
IC401	8-759-464-95	s IC AK6420AF-E2
IC402	8-759-392-81	s IC SN74LVC16245ADGGR
IC403	8-759-392-81	s IC SN74LVC16245ADGGR
IC404	8-759-271-86	s IC TC7SH04FU
IC405	*f 8-759-457-61	s IC CXD8628BR
	*e 8-759-432-64	s IC CXD8628AR
IC406	8-752-374-89	s IC CXD2192Q
IC407	8-759-198-63	s IC S-81230SG-QB-T1
IC408	8-759-343-09	s IC CXD2193AR-ER
IC409	8-759-392-81	s IC SN74LVC16245ADGGR
IC410	8-759-271-86	s IC TC7SH04FU
IC411	8-759-386-27	s IC 74LCX04MTCX
IC451	8-759-987-27	s IC LM1881M
IC453	8-759-907-81	s IC SN74LS221NS
IC454	8-759-524-19	s IC TC74VHC164FT(EL)
IC455	8-759-271-86	s IC TC7SH04FU
IC501	8-759-327-31	s IC CXD2183R
IC511	8-752-378-68	s IC CXD3101R
IC521	8-759-328-28	s IC ZA4024
IC531	8-759-328-28	s IC ZA4024
IC551	8-759-426-26	s IC CXD8608R
IC552	8-759-524-52	s IC TC74VHC574FT(EL)
IC553	8-759-524-52	s IC TC74VHC574FT(EL)

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Ref. No. or Q'ty	Part No.	SP Description
IC611	8-752-375-05	s IC CXD2191R
IC612	8-759-524-10	s IC TC74VHC157FT(EL)
IC651	*k 8-752-877-52	s IC CXP911016-010Q
	*d 8-752-869-79	s IC CXP911P016Q-1-012
	*c 8-752-851-38	s IC CXP911P016Q-1
IC652	8-759-464-95	s IC AK6420AF-E2
IC671	8-759-385-90	s IC CXD2187AR
IC672	*n 8-759-585-05	s IC CXD8627BR
	*m 8-759-447-98	s IC CXD8627AR
IC673	8-759-082-60	s IC TC7S66FU
IC681	8-759-337-30	s IC UPD482445LW-B10-E2
IC701	8-759-529-45	s IC IDT71V256SA15PZ-TL
IC711	8-752-374-96	s IC CXD2190R
IC721	8-759-271-86	s IC TC7SH04FU
IC722	8-759-271-86	s IC TC7SH04FU
IC723	8-759-362-16	s IC CXD2913AQ
IC724	8-759-327-01	s IC NJM062V(TE2)
IC726	8-759-082-60	s IC TC7S66FU
IC801	8-759-422-21	s IC NJM4580V(TE2)
IC803	8-759-357-73	s IC TL32088CNS-E20
IC804	8-759-357-74	s IC TLC320AD58CDWR
IC805	8-759-173-51	s IC SM5872AS-ET
IC806	8-759-422-21	s IC NJM4580V(TE2)
IC807	8-759-422-21	s IC NJM4580V(TE2)
IC808	8-759-422-21	s IC NJM4580V(TE2)
IC810	*a 8-759-341-28	s IC HM51W4400TT6-8
IC811	8-752-374-97	s IC CXD2705AR
IC812	*p 8-759-051-49	s IC SN74HCT541APWR
	*o 8-759-051-48	s IC SN74HCT541APW-E05
IC813	8-759-523-94	s IC TC74VHC32FT(EL)
IC815	8-759-184-64	s IC TC4W66FU
IC816	8-759-184-64	s IC TC4W66FU
L151	1-414-444-11	s INDUCTOR, CHIP 00UH
L152	1-414-398-11	s INDUCTOR 10UH
L153	1-414-398-11	s INDUCTOR 10UH
L201	1-414-398-11	s INDUCTOR 10UH
L202	1-414-398-11	s INDUCTOR 10UH
L221	1-414-402-11	s INDUCTOR 47UH
L251	1-414-402-11	s INDUCTOR 47UH
L262	1-414-398-11	s INDUCTOR 10UH
L263	1-414-398-11	s INDUCTOR 10UH
L264	1-414-398-11	s INDUCTOR 10UH
L331	1-414-402-11	s INDUCTOR 47UH
L332	1-410-393-11	s INDUCTOR, CHIP 100uH
L333	1-414-402-11	s INDUCTOR 47UH
L334	1-414-402-11	s INDUCTOR 47UH
L401	1-414-398-11	s INDUCTOR 10UH
L402	1-414-398-11	s INDUCTOR 10UH
L421	1-414-398-11	s INDUCTOR 10UH
L451	1-414-398-11	s INDUCTOR 10UH
L452	1-411-275-21	s COIL, VARIABLE 5.6UH
L501	1-414-398-11	s INDUCTOR 10UH
L511	1-414-398-11	s INDUCTOR 10UH
L551	1-414-398-11	s INDUCTOR 10UH
L611	1-414-402-11	s INDUCTOR 47UH
L613	1-410-740-31	s INDUCTOR, CHIP 0.82UH
L651	1-414-398-11	s INDUCTOR 10UH
L671	1-414-398-11	s INDUCTOR 10UH
L672	1-414-398-11	s INDUCTOR 10UH



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Ref. No. or Q'ty	Part No.	SP	Description
L681	1-414-398-11	s	INDUCTOR 10UH
L701	1-414-398-11	s	INDUCTOR 10UH
L711	1-414-398-11	s	INDUCTOR 10UH
L721	1-414-398-11	s	INDUCTOR 10UH
L723	1-414-398-11	s	INDUCTOR 10UH
L724	1-414-398-11	s	INDUCTOR 10UH
L725	1-411-984-11	s	COIL, VARIABLE 15UH
L726	1-414-398-11	s	INDUCTOR 10UH
L727	1-414-398-11	s	INDUCTOR 10UH
L801	1-414-398-11	s	INDUCTOR 10UH
L802	1-414-398-11	s	INDUCTOR 10UH
L803	1-414-398-11	s	INDUCTOR 10UH
L804	1-414-398-11	s	INDUCTOR 10UH
L805	1-410-393-11	s	INDUCTOR, CHIP 100uH
L806	1-410-393-11	s	INDUCTOR, CHIP 100uH
L807	1-414-398-11	s	INDUCTOR 10UH
L808	1-414-398-11	s	INDUCTOR 10UH
L809	1-414-398-11	s	INDUCTOR 10UH
L901	1-414-392-21	s	INDUCTOR 1UH
L902	1-414-392-21	s	INDUCTOR 1UH
L903	1-414-392-21	s	INDUCTOR 1UH
L904	1-414-392-21	s	INDUCTOR 1UH
L905	1-414-392-21	s	INDUCTOR 1UH
Q151	8-729-927-59	s	TRANSISTOR UMZ1
Q152	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q221	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q222	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q223	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q224	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q225	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q226	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q227	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q228	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q229	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q230	8-729-015-88	s	TRANSISTOR UMC3TL
Q331	8-729-927-59	s	TRANSISTOR UMZ1
Q332	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q334	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q335	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q336	8-729-905-38	s	TRANSISTOR 2SC4081T106R
Q337	8-729-927-59	s	TRANSISTOR UMZ1
Q338	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q339	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q723	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q801	8-729-015-88	s	TRANSISTOR UMC3TL
Q802	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q803	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q901	8-729-023-16	s	TRANSISTOR SI9953DY-T1
Q902	8-729-927-74	s	TRANSISTOR UMG2
Q903	*b 8-729-015-88	s	TRANSISTOR UMC3TL
Q904	*b 8-729-015-88	s	TRANSISTOR UMC3TL
R151	1-218-878-11	s	RESISTOR, CHIP 20K 1/16W (1608)
R152	1-218-878-11	s	RESISTOR, CHIP 20K 1/16W (1608)
R153	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R154	1-218-873-11	s	RESISTOR, CHIP 12K 1/16W (1608)
R155	1-218-878-11	s	RESISTOR, CHIP 20K 1/16W (1608)
R156	1-216-821-11	s	RESISTOR, CHIP 1.0K 1/16W (1608)
R159	1-216-824-11	s	METAL, CHIP 1.8K 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R160	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R161	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R163	*a 1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)
R165	*a 1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)
R174	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R176	1-218-849-11	s	RESISTOR, CHIP 1.2K 1/16W (1608)
R177	1-218-849-11	s	RESISTOR, CHIP 1.2K 1/16W (1608)
R178	1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)
R180	1-218-849-11	s	RESISTOR, CHIP 1.2K 1/16W (1608)
R201	1-218-835-11	s	RESISTOR, CHIP 330 1/16W (1608)
R202	1-218-835-11	s	RESISTOR, CHIP 330 1/16W (1608)
R203	1-218-835-11	s	RESISTOR, CHIP 330 1/16W (1608)
R204	1-218-871-11	s	RESISTOR, CHIP 10K 1/16W (1608)
R205	1-218-879-11	s	RESISTOR, CHIP 22K 1/16W (1608)
R206	1-218-879-11	s	RESISTOR, CHIP 22K 1/16W (1608)
R207	1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)
R210	1-211-985-11	s	RESISTOR, CHIP 47 1/16W (1608)
R212	1-216-296-91	s	CONDUCTOR, CHIP 3216
R221	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R222	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R223	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R224	1-216-841-11	s	METAL, CHIP 47K 5% 1/16W
R225	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R226	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R227	1-216-823-11	s	METAL, CHIP 1.5K 5% 1/16W
R228	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R229	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R230	1-218-839-11	s	RESISTOR, CHIP 470 1/16W (1608)
R231	1-218-841-11	s	RESISTOR, CHIP 560 1/16W (1608)
R232	1-216-815-11	s	METAL, CHIP 330 5% 1/16W
R233	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R234	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R235	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R236	1-218-839-11	s	RESISTOR, CHIP 470 1/16W (1608)
R237	1-218-841-11	s	RESISTOR, CHIP 560 1/16W (1608)
R238	1-216-825-11	s	METAL, CHIP 2.2K 5% 1/16W
R263	1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)
R265	1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)
R266	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R267	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R268	1-216-839-11	s	METAL, CHIP 33K 5% 1/16W
R269	1-216-837-11	s	METAL, CHIP 22K 5% 1/16W
R271	1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)
R272	1-216-840-11	s	METAL, CHIP 39K 5% 1/16W
R273	1-216-833-11	s	RESISTOR, CHIP 10K 1/16W (1608)
R274	1-216-833-11	s	RESISTOR, CHIP 10K 1/16W (1608)
R275	1-216-833-11	s	RESISTOR, CHIP 10K 1/16W (1608)
R278	1-216-829-11	s	METAL, CHIP 4.7K 5% 1/16W
R279	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R280	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R281	1-216-833-11	s	RESISTOR, CHIP 10K 1/16W (1608)
R282	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R284	1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)
R287	1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)
R304	1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)
R307	1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)
R310	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W
R312	1-216-845-11	s	METAL, CHIP 100K 5% 1/16W
R313	1-216-864-11	s	RESISTOR, CHIP 0 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R314	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R316	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R331	1-218-989-11	s RESISTOR, CHIP 68 1/16W (1608)
R332	1-218-989-11	s RESISTOR, CHIP 68 1/16W (1608)
R333	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R334	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R335	1-211-990-11	s RESISTOR, CHIP 75 1/16W (1608)
R336	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R337	1-218-849-11	s RESISTOR, CHIP 1.2K 1/16W (1608)
R338	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R339	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R340	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R341	1-211-990-11	s RESISTOR, CHIP 75 1/16W (1608)
R343	1-211-990-11	s RESISTOR, CHIP 75 1/16W (1608)
R344	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R345	1-218-835-11	s RESISTOR, CHIP 330 1/16W (1608)
R346	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R347	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R348	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R349	1-218-875-11	s RESISTOR, CHIP 15K 1/16W (1608)
R350	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R351	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R352	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R353	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R354	1-218-861-11	s RESISTOR, CHIP 3.9K 1/16W (1608)
R355	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R356	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R357	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R358	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R359	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R360	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R361	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R362	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R365	1-218-843-11	s RESISTOR, CHIP 680 1/16W (1608)
R366	1-218-841-11	s RESISTOR, CHIP 560 1/16W (1608)
R367	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R368	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R369	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R370	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R371	1-218-855-11	s RESISTOR, CHIP 2.2K 1/16W (1608)
R372	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R373	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R374	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R375	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R376	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R377	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R402	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R403	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R404	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R405	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R406	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R407	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R408	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R410	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R411	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R413	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R416	*b 1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R417	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R421	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R422	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R423	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R424	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R426	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R427	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R428	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R429	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R430	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R433	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R439	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R440	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R441	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R442	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R443	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R446	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R452	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R453	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R455	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R456	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R457	1-218-855-11	s RESISTOR, CHIP 2.2K 1/16W (1608)
R458	1-211-987-11	s RESISTOR, CHIP 56 1/16W (1608)
R459	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R460	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R462	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R464	1-218-855-11	s RESISTOR, CHIP 2.2K 1/16W (1608)
R465	1-218-989-11	s RESISTOR, CHIP 68 1/16W (1608)
R466	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R467	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R468	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R469	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R471	1-216-855-11	s METAL, CHIP 680K 5% 1/16W
R472	1-218-892-11	s RESISTOR, CHIP 75K 1/16W (1608)
R473	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R474	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R475	1-218-875-11	s RESISTOR, CHIP 15K 1/16W (1608)
R478	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R480	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R482	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R489	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R490	1-218-903-11	s RESISTOR, CHIP 220K 1/16W (1608)
R491	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R492	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R493	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R494	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R495	1-216-839-11	s METAL, CHIP 33K 5% 1/16W
R496	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R498	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R502	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R516	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R517	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R530	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R531	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R533	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R536	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R539	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R540	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R541	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R542	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)

(VA-172P BOARD (DSR-1P))

Ref. No. or Q'ty	Part No.	SP Description
R545	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R548	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R549	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R551	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R558	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R601	*b 1-216-809-11	s METAL, CHIP 100 5% 1/16W
R611	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R612	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R613	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R614	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R615	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R617	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R618	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R621	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R622	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R623	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R624	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R625	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R627	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R628	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R629	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R630	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R631	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R633	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R634	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R635	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R651	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R652	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R653	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R654	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R655	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R656	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R657	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R658	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R659	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R660	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R661	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R662	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R663	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R664	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R665	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R671	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R672	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R674	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R676	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R685	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R711	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R715	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R716	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R717	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R718	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R719	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R720	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R724	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R725	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R726	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R728	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R729	1-218-879-11	s RESISTOR, CHIP 22K 1/16W (1608)
R730	1-216-841-11	s METAL, CHIP 47K 5% 1/16W

(VA-172P BOARD (DSR-1P))

Ref. No. or Q'ty	Part No.	SP Description
R731	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R732	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R734	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R735	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R741	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R742	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R743	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R744	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R745	1-218-887-11	s RESISTOR, CHIP 47K 1/16W (1608)
R746	1-218-883-11	s RESISTOR, CHIP 33K 1/16W (1608)
R747	1-218-887-11	s RESISTOR, CHIP 47K 1/16W (1608)
R748	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R749	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R751	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R752	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R754	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R756	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R759	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R760	*a 1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R762	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R763	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R766	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R801	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R802	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R804	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R806	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R807	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R809	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R810	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R811	1-218-872-11	s RESISTOR, CHIP 11K 1/16W (1608)
R812	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R813	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R814	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R815	1-218-844-11	s RESISTOR, CHIP 750 1/16W (1608)
R816	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R817	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R818	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R819	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R820	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R821	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R822	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R823	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R824	1-218-880-11	s RESISTOR, CHIP 24K 1/16W (1608)
R825	1-218-880-11	s RESISTOR, CHIP 24K 1/16W (1608)
R826	1-218-880-11	s RESISTOR, CHIP 24K 1/16W (1608)
R827	1-218-880-11	s RESISTOR, CHIP 24K 1/16W (1608)
R828	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R829	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R830	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R831	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R832	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R833	1-218-857-11	s RESISTOR, CHIP 2.7K 1/16W (1608)
R834	1-218-860-11	s RESISTOR, CHIP 3.6K 1/16W (1608)
R835	1-218-860-11	s RESISTOR, CHIP 3.6K 1/16W (1608)
R836	1-218-859-11	s RESISTOR, CHIP 3.3K 1/16W (1608)
R837	1-218-859-11	s RESISTOR, CHIP 3.3K 1/16W (1608)
R839	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R840	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R841	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)

(VA-172P BOARD (DSR-1P))

Ref. No. or Q'ty	Part No.	SP Description
R842	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R843	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R844	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R845	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R846	1-216-849-11	s METAL, CHIP 220K 5% 1/16W
R847	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R848	1-216-805-11	s METAL, CHIP 47 5% 1/16W
R849	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R852	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R853	1-218-872-11	s RESISTOR, CHIP 11K 1/16W (1608)
R854	1-218-879-11	s RESISTOR, CHIP 22K 1/16W (1608)
R855	1-218-879-11	s RESISTOR, CHIP 22K 1/16W (1608)
R856	1-218-844-11	s RESISTOR, CHIP 750 1/16W (1608)
R857	1-218-879-11	s RESISTOR, CHIP 22K 1/16W (1608)
R858	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R861	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R862	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R864	1-218-878-11	s RESISTOR, CHIP 20K 1/16W (1608)
R865	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R867	1-218-871-11	s RESISTOR, CHIP 10K 1/16W (1608)
R869	1-218-878-11	s RESISTOR, CHIP 20K 1/16W (1608)
R870	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R901	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R902	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R903	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R904	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
RB262	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB263	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB401	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB402	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB403	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB404	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB421	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB422	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB423	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB424	1-239-412-11	s RESISTOR BLOCK, CHIP 100x4
RB511	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB552	1-239-711-11	s RESISTOR BLOCK, CHIP 0x4
RB553	1-239-711-11	s RESISTOR BLOCK, CHIP 0x4
RB554	1-239-711-11	s RESISTOR BLOCK, CHIP 0x4
RB611	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB612	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB613	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB651	1-236-436-11	s RESISTOR BLOCK, CHIP 100Kx2
RB652	1-236-400-11	s RESISTOR BLOCK, CHIP 100x2
RB653	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB654	1-236-400-11	s RESISTOR BLOCK, CHIP 100x2
RB655	1-236-400-11	s RESISTOR BLOCK, CHIP 100x2
RB656	1-239-444-11	s RESISTOR BLOCK, CHIP 220Kx4
RB671	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB672	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB673	1-236-440-11	s RESISTOR BLOCK, CHIP 220Kx2
RB674	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB675	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RB702	1-236-904-11	s RESISTOR BLOCK, CHIP 1.0Kx4
RV221	1-223-274-11	s RES, ADJ CERMET 2.2K
RV222	1-223-274-11	s RES, ADJ CERMET 2.2K
RV452	1-223-273-11	s RES, ADJ CERMET 1K

(VA-172P BOARD (DSR-1P))

Ref. No. or Q'ty	Part No.	SP Description
TP261	1-535-757-11	s CHIP, CHECKER
TP262	1-535-757-11	s CHIP, CHECKER
TP263	1-535-757-11	s CHIP, CHECKER
TP401	1-535-757-11	s CHIP, CHECKER
TP402	1-535-757-11	s CHIP, CHECKER
TP403	1-535-757-11	s CHIP, CHECKER
TP611	1-535-757-11	s CHIP, CHECKER
TP612	1-535-757-11	s CHIP, CHECKER
X421	1-579-780-21	s CRYSTAL 17.734475MHz
X611	1-760-654-21	s CRYSTAL 13.5MHz
X651	1-760-655-21	s CRYSTAL 20.0MHz

VA-205B BOARD (DSR-1)

Ref. No. or Q'ty	Part No.	SP	Description
1pcs	A-8327-747-A	s	MOUNTED CIRCUIT BOARD, VA-205B
4pcs	7-628-253-20	s	SCREW +PS 2X6
4pcs	7-622-205-05	s	NUT M2 TYPE2
5pcs	3-729-013-41	s	SCREW(M1.4X3.5),WASHERHEAD(+P)
2pcs	3-603-737-02	o	LEVER,BOARD
C151	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C152	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C153	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C154	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C155	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C156	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C157	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C158	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C159	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C160	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C161	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C162	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C164	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C166	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C167	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C168	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C169	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C170	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C171	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C173	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C174	1-135-070-00	s	CAPACITOR TANTALUM 0.1MF/35V
C175	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C177	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C178	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C179	1-135-070-00	s	CAPACITOR TANTALUM 0.1MF/35V
C180	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C181	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C182	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C183	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C184	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C185	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C186	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C187	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C188	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C189	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C190	1-135-070-00	s	CAPACITOR TANTALUM 0.1MF/35V
C191	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C192	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C193	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C201	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C202	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C203	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C204	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C205	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C206	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C207	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C208	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C209	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C211	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C212	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C213	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C214	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C215	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C216	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(VA-205B BOARD (DSR-1))

Ref. No. or Q'ty	Part No.	SP	Description
C251	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C252	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C261	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C262	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C263	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C264	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C265	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C266	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C267	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C269	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C270	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C271	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C273	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C274	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C275	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C276	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C277	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C278	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C282	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C283	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C284	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C285	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C286	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C287	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C288	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C289	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C290	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C291	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C292	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C293	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C294	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C296	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C297	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C298	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C300	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C330	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C331	1-135-145-11	s	CAPACITOR TANTALUM 0.47MF/35V
C332	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C333	1-162-928-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C334	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C335	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C336	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C337	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C338	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C339	1-135-145-11	s	CAPACITOR TANTALUM 0.47MF/35V
C340	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C341	1-113-996-11	s	CAPACITOR TANTALUM 220MF/4V
C342	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C343	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C344	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C345	1-135-145-11	s	CAPACITOR TANTALUM 0.47MF/35V
C346	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C347	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C348	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C349	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C350	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C351	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C352	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C353	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V

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Ref. No. or Q'ty	Part No.	SP	Description
C354	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C355	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C356	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C357	1-135-145-11	s	CAPACITOR TANTALUM 0.47MF/35V
C358	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C359	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C360	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C361	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C362	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C363	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C364	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C365	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C366	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C367	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C368	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C401	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C402	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C403	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C404	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C405	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C407	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C408	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C409	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C410	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C411	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C412	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C413	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C414	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C415	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C416	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C417	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C421	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C422	1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH
C423	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C424	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C425	1-162-911-11	s	CAPACITOR,CERAMIC 6PF/50V 1608
C426	1-104-850-11	s	CAPACITOR TANTALUM 6.8MF/10V
C427	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C428	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C429	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C430	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C431	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C432	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C433	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C434	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C435	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C436	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C437	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C451	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C452	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C454	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C455	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C456	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C457	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C458	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C459	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C460	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C461	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C462	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V

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Ref. No. or Q'ty	Part No.	SP	Description
C466	1-115-414-11	s	CAPACITOR,CHIP CERAMIC 820PF
C467	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C468	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C469	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C472	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C473	1-162-911-11	s	CAPACITOR,CERAMIC 6PF/50V 1608
C474	1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH
C475	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C476	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C478	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C479	1-162-967-11	s	CAPACITOR,CERAMIC 3300PF/50V B
C480	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C481	1-162-967-11	s	CAPACITOR,CERAMIC 3300PF/50V B
C482	1-104-912-11	s	CAPACITOR TANTALUM 3.3MF/16V
C506	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C511	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C512	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C513	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C514	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C515	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C521	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C522	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C523	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C531	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C532	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C533	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C551	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C552	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C553	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C554	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C555	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C556	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C557	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C558	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C601	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C602	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C603	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C604	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C605	1-135-149-21	s	CAPACITOR TANTALUM 2.2MF/10V
C611	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C614	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C615	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C616	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C617	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C627	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C628	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C631	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C632	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C633	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C634	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C635	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C636	1-135-149-21	s	CAPACITOR TANTALUM 2.2MF/10V
C637	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C651	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C652	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C653	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C654	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C655	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C656	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

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C657	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C658	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C659	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C671	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C672	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C673	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C674	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C675	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C676	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C677	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C678	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C679	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C680	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C681	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C682	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C683	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C684	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C685	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C686	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C701	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C702	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C711	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C712	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C713	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C714	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C715	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C716	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C721	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C722	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C723	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C724	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C725	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C726	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C727	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C728	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C729	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C730	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C731	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C732	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C733	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C734	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C735	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C740	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C741	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C743	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C744	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
C745	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C746	1-109-994-11	s	CAPACITOR,CHIP CERAMIC 2.2MF B
C747	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C748	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C749	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C750	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C751	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C752	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C753	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C801	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C802	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C803	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C804	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V

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Ref. No. or Q'ty	Part No.	SP	Description
C805	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C806	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C807	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C808	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C809	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C810	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C811	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C812	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C813	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C814	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C815	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C816	1-104-547-11	s	CAPACITOR FILM 0.0047MF/16V
C817	1-104-547-11	s	CAPACITOR FILM 0.0047MF/16V
C818	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C819	1-104-547-11	s	CAPACITOR FILM 0.0047MF/16V
C820	1-104-547-11	s	CAPACITOR FILM 0.0047MF/16V
C821	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C822	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C823	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C824	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C825	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C826	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C827	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C828	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C829	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C830	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C831	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C832	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C833	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C834	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C835	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C836	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C837	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C838	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C839	1-104-546-11	s	CAPACITOR,FILM 0.0039MF/16V
C840	1-104-546-11	s	CAPACITOR,FILM 0.0039MF/16V
C841	1-164-392-11	s	CAPACITOR CERAMIC 390PF/50V CH
C842	1-164-392-11	s	CAPACITOR CERAMIC 390PF/50V CH
C843	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C844	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C845	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C846	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C847	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C848	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C849	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C850	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C851	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C852	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C854	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C855	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C856	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C857	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C858	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C859	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C860	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C861	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C862	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C863	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C864	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C906	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C907	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
CN403	1-774-391-11	o	CONNECTOR, BOARD TO BOARD 60P
CN416	1-568-357-11	o	CONNECTOR, BOARD TO BOARD 16P
CN417	1-568-357-11	o	CONNECTOR, BOARD TO BOARD 16P
CT202	1-141-322-11	s	CAPACITOR,VAR,TRIMMER
CT421	1-141-327-11	s	CAPACITOR,VAR,TRIMMER (CHIP)
CT501	1-141-327-11	s	CAPACITOR,VAR,TRIMMER (CHIP)
D151	8-719-941-04	s	DIODE SB007-03CP
D171	8-719-941-04	s	DIODE SB007-03CP
D201	8-719-941-04	s	DIODE SB007-03CP
D421	8-719-002-81	s	DIODE 1T363 (VARI-CAP)
D451	8-719-041-39	s	DIODE KV1470 (5MA)
D601	8-719-041-39	s	DIODE KV1470 (5MA)
D602	8-719-027-95	s	DIODE HSM88WK
D613	8-719-041-39	s	DIODE KV1470 (5MA)
D614	8-719-027-95	s	DIODE HSM88WK
D721	8-719-041-39	s	DIODE KV1470 (5MA)
FL221	1-233-345-21	s	FILTER, LOW PASS (5.5MHZ)
FL222	1-233-776-11	s	FILTER, LOW PASS
FL223	1-233-776-11	s	FILTER, LOW PASS
FL263	1-233-346-21	s	FILTER, BAND PASS (3.58MHZ)
IC151	8-759-324-03	s	IC HA17431UA(TL)
IC152	8-752-376-32	s	IC CXD2310AR
IC153	8-759-058-58	s	IC TC7S04FU-TE85R
IC154	8-759-422-21	s	IC NJM4580VTE2
IC171	8-759-324-03	s	IC HA17431UA(TL)
IC172	8-759-447-90	s	IC TLC5733AIPM
IC173	8-759-523-49	s	IC TC74ACT541FT(EL)
IC201	8-752-371-65	s	IC CXD2304R
IC221	8-759-082-60	s	IC TC7S66FU
IC222	8-759-082-60	s	IC TC7S66FU
IC261	8-752-056-59	s	IC CXA1592R
IC262	8-752-053-21	s	IC CXA1211M
IC263	8-752-053-21	s	IC CXA1211M
IC265	8-759-660-23	s	IC SN74HCT08APWR
IC266	8-759-660-23	s	IC SN74HCT08APWR
IC267	8-759-067-52	s	IC MB88347PFV-ER
IC268	8-759-067-52	s	IC MB88347PFV-ER
IC269	8-759-196-96	s	IC TC7SH08FU (TE85R)
IC331	8-752-054-80	s	IC CXA1521M
IC332	8-752-072-86	s	IC CXA1822Q
IC333	8-752-053-21	s	IC CXA1211M
IC334	8-752-053-21	s	IC CXA1211M
IC335	8-759-640-14	s	IC TK15420MTL
IC401	8-759-464-95	s	IC AK6420AF-E2
IC402	8-759-392-81	s	IC SN74LVC16245ADGGR
IC403	8-759-392-81	s	IC SN74LVC16245ADGGR
IC404	8-759-271-86	s	IC TC7SH04FU
IC405	8-759-457-61	s	IC CXD8628BR
IC406	8-752-374-89	s	IC CXD2192Q
IC407	8-759-198-63	s	IC S-81230SG-QB-T1
IC408	8-759-343-09	s	IC CXD2193AR-ER
IC409	8-759-392-81	s	IC SN74LVC16245ADGGR
IC410	8-759-271-86	s	IC TC7SH04FU
IC411	8-759-386-27	s	IC 74LCX04MTCX
IC451	8-759-987-27	s	IC LM1881M

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Ref. No. or Q'ty	Part No.	SP	Description
IC453	8-759-907-81	s	IC SN74LS221N(S)
IC454	8-759-524-19	s	IC TC74VHC164FT(EL)
IC455	8-759-271-86	s	IC TC7SH04FU
IC511	8-752-378-68	s	IC CXD3101R
IC521	8-759-328-28	s	IC ZA4024
IC531	8-759-328-28	s	IC ZA4024
IC551	8-759-426-26	s	IC CXD8608R
IC552	8-759-524-52	s	IC TC74VHC574FT(EL)
IC553	8-759-524-52	s	IC TC74VHC574FT(EL)
IC611	8-752-375-05	s	IC CXD2191R
IC612	8-759-524-09	s	IC TC74VHC153FT (EL)
IC651	8-752-877-52	s	IC CXP911016-010Q
IC652	8-759-464-95	s	IC AK6420AF-E2
IC671	8-759-385-90	s	IC CXD2187AR
IC672	8-759-585-05	s	IC CXD8627BR
IC673	8-759-082-60	s	IC TC7S66FU
IC681	8-759-337-30	s	IC UPD482445LGW-B10-E2
IC701	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC711	8-752-374-96	s	IC CXD2190R
IC721	8-759-271-86	s	IC TC7SH04FU
IC722	8-759-271-86	s	IC TC7SH04FU
IC723	8-759-362-16	s	IC CXD2913AQ
IC724	8-759-327-01	s	IC NJM062V-TE2
IC725	8-759-429-28	s	IC CXD8630R
IC726	8-759-082-60	s	IC TC7S66FU
IC801	8-759-422-21	s	IC NJM4580VTE2
IC803	8-759-357-73	s	IC TL32088CNS (E20)
IC804	8-759-357-74	s	IC TLC320AD58CDWR
IC805	8-759-173-51	s	IC SM5872AS (ET)
IC806	8-759-422-21	s	IC NJM4580VTE2
IC807	8-759-422-21	s	IC NJM4580VTE2
IC808	8-759-422-21	s	IC NJM4580VTE2
IC811	8-752-374-97	s	IC CXD2705AR
IC812	8-759-674-62	s	IC MM74HCT541MTCX
IC813	8-759-523-94	s	IC TC74VHC32FT(EL)
IC815	8-759-184-64	s	IC TC4W66FU
IC816	8-759-184-64	s	IC TC4W66FU
L151	1-414-444-11	s	MICRO INDUCTOR (CHIP TYPE)
L152	1-414-398-11	s	INDUCTOR (SMD) 10UH
L153	1-414-398-11	s	INDUCTOR (SMD) 10UH
L201	1-414-398-11	s	INDUCTOR (SMD) 10UH
L202	1-414-398-11	s	INDUCTOR (SMD) 10UH
L221	1-414-402-11	s	INDUCTOR (SMD) 47UH
L251	1-414-402-11	s	INDUCTOR (SMD) 47UH
L262	1-414-398-11	s	INDUCTOR (SMD) 10UH
L263	1-414-398-11	s	INDUCTOR (SMD) 10UH
L264	1-414-398-11	s	INDUCTOR (SMD) 10UH
L331	1-414-402-11	s	INDUCTOR (SMD) 47UH
L332	1-410-390-11	s	CHIP INDUCTOR 56UH (3225)
L333	1-414-402-11	s	INDUCTOR (SMD) 47UH
L334	1-414-402-11	s	INDUCTOR (SMD) 47UH
L401	1-414-398-11	s	INDUCTOR (SMD) 10UH
L402	1-414-398-11	s	INDUCTOR (SMD) 10UH
L421	1-414-398-11	s	INDUCTOR (SMD) 10UH
L451	1-414-398-11	s	INDUCTOR (SMD) 10UH
L452	1-411-275-21	s	COIL, VARIABLE
L511	1-414-398-11	s	INDUCTOR (SMD) 10UH
L551	1-414-398-11	s	INDUCTOR (SMD) 10UH

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Ref. No. or Q'ty	Part No.	SP	Description
L601	1-410-378-11	s	INDUCTOR,CHIP 5.6UH (3225)
L611	1-414-402-11	s	INDUCTOR (SMD) 47UH
L613	1-410-740-31	s	INDUCTOR,CHIP 0.82UH
L651	1-414-398-11	s	INDUCTOR (SMD) 10UH
L671	1-414-398-11	s	INDUCTOR (SMD) 10UH
L672	1-414-398-11	s	INDUCTOR (SMD) 10UH
L681	1-414-398-11	s	INDUCTOR (SMD) 10UH
L701	1-414-398-11	s	INDUCTOR (SMD) 10UH
L711	1-414-398-11	s	INDUCTOR (SMD) 10UH
L721	1-414-398-11	s	INDUCTOR (SMD) 10UH
L723	1-414-398-11	s	INDUCTOR (SMD) 10UH
L724	1-414-398-11	s	INDUCTOR (SMD) 10UH
L725	1-411-984-11	s	COIL, VARIABLE
L726	1-414-398-11	s	INDUCTOR (SMD) 10UH
L727	1-414-398-11	s	INDUCTOR (SMD) 10UH
L801	1-414-398-11	s	INDUCTOR (SMD) 10UH
L802	1-414-398-11	s	INDUCTOR (SMD) 10UH
L803	1-414-398-11	s	INDUCTOR (SMD) 10UH
L804	1-414-398-11	s	INDUCTOR (SMD) 10UH
L805	1-410-393-11	s	INDUCTOR,CHIP 100UH (3225)
L806	1-410-393-11	s	INDUCTOR,CHIP 100UH (3225)
L807	1-414-398-11	s	INDUCTOR (SMD) 10UH
L808	1-414-398-11	s	INDUCTOR (SMD) 10UH
L809	1-414-398-11	s	INDUCTOR (SMD) 10UH
L901	1-414-392-21	s	INDUCTOR (SMD) 1.0UH
L902	1-414-392-21	s	INDUCTOR (SMD) 1.0UH
L903	1-414-392-21	s	INDUCTOR (SMD) 1.0UH
L904	1-414-392-21	s	INDUCTOR (SMD) 1.0UH
L905	1-414-392-21	s	INDUCTOR (SMD) 1.0UH
Q151	8-729-927-59	s	TRANSISTOR UMZ1
Q152	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q221	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q222	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q223	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q224	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q225	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q226	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q227	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q228	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q229	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q230	8-729-015-88	s	TRANSISTOR UMC3TL
Q331	8-729-927-59	s	TRANSISTOR UMZ1
Q332	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q333	8-729-015-88	s	TRANSISTOR UMC3TL
Q334	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q335	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q336	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q337	8-729-927-59	s	TRANSISTOR UMZ1
Q338	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q339	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q723	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q801	8-729-015-88	s	TRANSISTOR UMC3TL
Q802	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q803	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q901	8-729-023-16	s	TRANSISTOR SI9953DY-T1
Q902	8-729-927-74	s	TRANSISTOR UMG2
Q903	8-729-015-88	s	TRANSISTOR UMC3TL
Q904	8-729-015-88	s	TRANSISTOR UMC3TL

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Ref. No. or Q'ty	Part No.	SP	Description
R151	1-218-878-11	s	RESISTOR,CHIP 20K 1/16W (1608)
R152	1-218-878-11	s	RESISTOR,CHIP 20K 1/16W (1608)
R153	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R154	1-218-873-11	s	RESISTOR,CHIP 12K 1/16W (1608)
R155	1-218-878-11	s	RESISTOR,CHIP 20K 1/16W (1608)
R156	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R157	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R159	1-216-824-11	s	RESISTOR, CHIP 1.8K 1/16W 1608
R160	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R161	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R174	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R175	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R176	1-218-849-11	s	RESISTOR,CHIP 1.2K 1/16W(1608)
R177	1-218-849-11	s	RESISTOR,CHIP 1.2K 1/16W(1608)
R178	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R180	1-218-849-11	s	RESISTOR,CHIP 1.2K 1/16W(1608)
R201	1-218-835-11	s	RESISTOR,CHIP 330 1/16W (1608)
R202	1-218-835-11	s	RESISTOR,CHIP 330 1/16W (1608)
R203	1-218-835-11	s	RESISTOR,CHIP 330 1/16W (1608)
R204	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R205	1-218-879-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R206	1-218-879-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R207	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R210	1-211-985-11	s	RESISTOR,CHIP 47 1/16W (1608)
R212	1-216-296-91	s	CONDUCTOR, CHIP (3216)
R221	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R222	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R223	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R224	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R225	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R226	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R227	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R228	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R229	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R230	1-218-839-11	s	RESISTOR,CHIP 470 1/16W (1608)
R231	1-218-841-11	s	RESISTOR,CHIP 560 1/16W (1608)
R232	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R233	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R234	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R235	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R236	1-218-839-11	s	RESISTOR,CHIP 470 1/16W (1608)
R237	1-218-841-11	s	RESISTOR,CHIP 560 1/16W (1608)
R238	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R262	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R264	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R266	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R267	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R268	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R269	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R271	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R272	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R273	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R274	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R275	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R278	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R279	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R280	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R281	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R282	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP Description
R284	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R287	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R304	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R307	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R310	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R312	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R313	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R314	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R316	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R331	1-211-989-11	s RESISTOR,CHIP 68 1/16W (1608)
R332	1-211-989-11	s RESISTOR,CHIP 68 1/16W (1608)
R333	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R334	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R335	1-211-990-11	s RESISTOR,CHIP 75 1/16W (1608)
R336	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R337	1-218-849-11	s RESISTOR,CHIP 1.2K 1/16W(1608)
R338	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R339	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R340	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R341	1-211-990-11	s RESISTOR,CHIP 75 1/16W (1608)
R342	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R343	1-211-990-11	s RESISTOR,CHIP 75 1/16W (1608)
R344	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R345	1-218-835-11	s RESISTOR,CHIP 330 1/16W (1608)
R346	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R347	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R348	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R349	1-218-875-11	s RESISTOR,CHIP 15K 1/16W (1608)
R350	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R351	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R352	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R353	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R354	1-218-860-11	s RESISTOR,CHIP 3.6K 1/16W(1608)
R355	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R356	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R357	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R358	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R359	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R360	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R361	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R362	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R365	1-218-843-11	s RESISTOR,CHIP 680 1/16W (1608)
R366	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R367	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R368	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R369	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R370	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R371	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R372	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R373	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R374	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R375	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R376	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R377	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R402	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R403	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R404	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R405	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R406	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP Description
R407	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R408	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R410	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R411	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R413	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R416	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R421	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R422	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R423	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R424	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R426	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R427	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R428	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R429	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R431	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R432	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R439	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R440	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R441	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R442	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R443	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R446	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R451	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R452	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R454	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R455	1-216-855-11	s RESISTOR, CHIP 680K 1/16W 1608
R456	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R457	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R458	1-211-987-11	s RESISTOR,CHIP 56 1/16W (1608)
R459	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R460	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R462	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R464	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R465	1-211-989-11	s RESISTOR,CHIP 68 1/16W (1608)
R466	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R467	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R469	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R471	1-216-855-11	s RESISTOR, CHIP 680K 1/16W 1608
R472	1-218-892-11	s RESISTOR,CHIP 75K 1/16W (1608)
R473	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R474	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R475	1-218-875-11	s RESISTOR,CHIP 15K 1/16W (1608)
R480	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R482	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R489	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R490	1-218-903-11	s RESISTOR,CHIP 220K 1/16W(1608)
R491	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R492	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R493	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R494	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R495	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R496	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R501	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R516	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R517	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R531	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R533	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R539	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R540	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R541	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R542	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R545	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R551	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R558	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R601	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R602	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R603	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R604	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R605	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R606	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R607	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R611	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R612	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R613	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R614	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R615	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R617	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R618	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R621	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R622	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R623	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R624	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R625	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R627	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R628	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R629	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R630	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R631	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R634	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R635	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R651	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R652	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R653	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R654	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R655	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R656	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R658	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R659	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R660	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R661	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R662	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R663	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R664	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R665	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R666	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R667	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R668	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R671	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R672	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R675	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R676	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R678	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R685	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R711	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R715	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R716	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R717	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R718	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP	Description
R719	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R720	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R724	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R725	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R726	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R728	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R729	1-218-879-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R730	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R731	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R732	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R734	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R735	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R741	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R742	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R743	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R744	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R745	1-218-887-11	s	RESISTOR,CHIP 47K 1/16W (1608)
R746	1-218-883-11	s	RESISTOR,CHIP 33K 1/16W (1608)
R747	1-218-887-11	s	RESISTOR,CHIP 47K 1/16W (1608)
R748	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R749	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R758	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R762	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R763	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R766	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R801	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R802	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R804	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R806	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R807	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R808	1-218-879-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R809	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R810	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R811	1-218-872-11	s	RESISTOR,CHIP 11K 1/16W (1608)
R812	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R813	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R814	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R815	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R816	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R817	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R818	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R819	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R820	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R821	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R822	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R823	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R824	1-218-880-11	s	RESISTOR,CHIP 24K 1/16W (1608)
R825	1-218-880-11	s	RESISTOR,CHIP 24K 1/16W (1608)
R826	1-218-880-11	s	RESISTOR,CHIP 24K 1/16W (1608)
R827	1-218-880-11	s	RESISTOR,CHIP 24K 1/16W (1608)
R828	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R829	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R830	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R831	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R832	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R833	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R834	1-218-860-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R835	1-218-860-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)
R836	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP Description
R837	1-218-859-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R839	1-218-871-11	s RESISTOR,CHIP 10K 1/16W (1608)
R840	1-218-871-11	s RESISTOR,CHIP 10K 1/16W (1608)
R841	1-218-871-11	s RESISTOR,CHIP 10K 1/16W (1608)
R842	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R843	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R844	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R845	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R846	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R847	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R848	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R849	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R852	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R853	1-218-872-11	s RESISTOR,CHIP 11K 1/16W (1608)
R854	1-218-879-11	s RESISTOR,CHIP 22K 1/16W (1608)
R855	1-218-872-11	s RESISTOR,CHIP 11K 1/16W (1608)
R856	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R857	1-218-872-11	s RESISTOR,CHIP 11K 1/16W (1608)
R861	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R862	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R863	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R864	1-218-878-11	s RESISTOR,CHIP 20K 1/16W (1608)
R865	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R867	1-218-871-11	s RESISTOR,CHIP 10K 1/16W (1608)
R868	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R869	1-218-878-11	s RESISTOR,CHIP 20K 1/16W (1608)
R870	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R901	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R902	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R903	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R904	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
RB262	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB263	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB401	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB402	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB403	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB404	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB421	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB422	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB423	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB424	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB501	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB502	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB511	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB552	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB553	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB554	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB611	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB612	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB613	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB651	1-236-436-11	s RESISTOR BLOCK 100K
RB652	1-236-400-11	s RESISTOR BLOCK
RB653	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB654	1-236-400-11	s RESISTOR BLOCK
RB655	1-236-400-11	s RESISTOR BLOCK
RB656	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB671	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB672	1-236-904-11	s RESISTOR NETWORK 1K (1608)

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Ref. No. or Q'ty	Part No.	SP Description
RB673	1-236-440-11	s RESISTOR BLOCK 220K
RB674	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB675	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB702	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RV221	1-223-274-11	s RESISTOR, ADJ 2.2K
RV222	1-223-274-11	s RESISTOR, ADJ 2.2K
RV452	1-223-273-11	s RESISTOR,ADJ 1K
TP261	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP262	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP263	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP401	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP402	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP403	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP611	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP612	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
X421	1-579-738-21	s VIBRATOR, CRYSTAL
X611	1-760-654-21	s VIBRATOR, CRYSTAL
X651	1-760-655-21	s VIBRATOR, CRYSTAL

VA-205C BOARD (DSR-1P)

Ref. No. or Q'ty	Part No.	SP	Description
1pcs	A-8327-749-A	s	MOUNTED CIRCUIT BOARD, VA-205C
4pcs	7-628-253-20	s	SCREW +PS 2X6
4pcs	7-622-205-05	s	NUT M2 TYPE2
5pcs	3-729-013-41	s	SCREW(M1.4X3.5),WASHERHEAD(+P)
2pcs	3-603-737-02	o	LEVER,BOARD
C151	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C152	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C153	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C154	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C155	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C156	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C157	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C158	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C159	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C160	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C161	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C162	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C164	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C166	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C167	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C168	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C169	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C170	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C171	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C173	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C174	1-135-070-00	s	CAPACITOR TANTALUM 0.1MF/35V
C175	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C177	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C178	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C179	1-135-070-00	s	CAPACITOR TANTALUM 0.1MF/35V
C180	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C181	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C182	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C183	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C184	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C185	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C186	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C187	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C188	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C189	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C190	1-135-070-00	s	CAPACITOR TANTALUM 0.1MF/35V
C191	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C192	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C193	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C201	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C202	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C203	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C204	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C205	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C206	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C207	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C208	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C209	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C211	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C212	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C213	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C214	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C215	1-162-918-11	s	CAPACITOR,CERAMIC 18PF/50V CH
C216	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C251	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C252	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C261	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C262	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C263	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C264	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C265	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C266	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C267	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C269	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C270	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C271	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C273	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C274	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C275	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C276	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C277	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C278	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C282	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C283	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C284	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C285	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C286	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C287	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C288	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C289	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C290	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C291	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C292	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C293	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C294	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C296	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C297	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C298	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C300	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C330	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C331	1-135-145-11	s	CAPACITOR TANTALUM 0.47MF/35V
C332	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C333	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C334	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C335	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C336	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C337	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C338	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C339	1-135-145-11	s	CAPACITOR TANTALUM 0.47MF/35V
C340	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C341	1-113-996-11	s	CAPACITOR TANTALUM 220MF/4V
C342	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C343	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C344	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C345	1-135-145-11	s	CAPACITOR TANTALUM 0.47MF/35V
C346	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C347	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C348	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C349	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C351	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C352	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C353	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C354	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V

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Ref. No. or Q'ty	Part No.	SP	Description
C355	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C356	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C357	1-135-145-11	s	CAPACITOR TANTALUM 0.47MF/35V
C358	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C359	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C360	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C361	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C362	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C363	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C364	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C365	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C366	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C367	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C368	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C401	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C402	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C403	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C404	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C405	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C407	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C408	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C409	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C410	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C411	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C412	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C413	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C414	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C415	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C416	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C417	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C421	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C422	1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH
C423	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C424	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C425	1-162-913-11	s	CAPACITOR,CHIP CERAMIC 8PF/50V
C426	1-104-850-11	s	CAPACITOR TANTALUM 6.8MF/10V
C427	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C428	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C429	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C430	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C431	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C432	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C433	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C434	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C435	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C436	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C437	1-162-920-11	s	CAPACITOR,CERAMIC 27PF/50V CH
C451	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C452	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C454	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C455	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C456	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C457	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C458	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C459	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C460	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C461	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C462	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C466	1-115-414-11	s	CAPACITOR,CHIP CERAMIC 820PF

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Ref. No. or Q'ty	Part No.	SP	Description
C467	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C468	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C469	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C472	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C473	1-162-911-11	s	CAPACITOR,CERAMIC 6PF/50V 1608
C474	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C475	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C476	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C478	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C479	1-162-967-11	s	CAPACITOR,CERAMIC 3300PF/50V B
C480	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C481	1-162-967-11	s	CAPACITOR,CERAMIC 3300PF/50V B
C482	1-104-912-11	s	CAPACITOR TANTALUM 3.3MF/16V
C501	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C503	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C504	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C505	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C506	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C511	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C512	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C513	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C514	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C515	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C521	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C522	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C523	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C531	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C532	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C533	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C551	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C552	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C553	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C554	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C555	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C556	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C557	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C558	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C601	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C602	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C603	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C604	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C605	1-135-149-21	s	CAPACITOR TANTALUM 2.2MF/10V
C611	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C614	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C615	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C616	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C617	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C627	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C628	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C631	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C632	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C633	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C634	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C635	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C636	1-135-149-21	s	CAPACITOR TANTALUM 2.2MF/10V
C637	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C651	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C652	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C653	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH

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Ref. No. or Q'ty	Part No.	SP	Description
C654	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C655	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C656	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C657	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C658	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C659	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C671	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C672	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C673	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C674	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C675	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C676	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C677	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C678	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C679	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C680	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C681	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C682	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C683	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C684	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C685	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C686	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C701	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C702	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C711	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C712	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C713	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C714	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C715	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C716	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C721	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C722	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C723	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C724	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C725	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C726	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C727	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C728	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C729	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C730	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C731	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C732	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C733	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C734	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C735	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C740	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C741	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C743	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C744	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
C745	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C746	1-109-994-11	s	CAPACITOR,CHIP CERAMIC 2.2MF B
C747	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C748	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C749	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C750	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C751	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C752	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C753	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C801	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C802	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C803	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C804	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C805	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C806	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C807	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C808	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C809	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C810	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C811	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C812	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C813	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C814	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C815	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C816	1-104-547-11	s	CAPACITOR FILM 0.0047MF/16V
C817	1-104-547-11	s	CAPACITOR FILM 0.0047MF/16V
C818	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C819	1-104-547-11	s	CAPACITOR FILM 0.0047MF/16V
C820	1-104-547-11	s	CAPACITOR FILM 0.0047MF/16V
C821	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C822	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C823	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C824	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C825	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C826	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C827	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C828	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C829	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C830	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C831	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C832	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C833	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C834	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C835	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C836	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C837	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C838	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C839	1-104-546-11	s	CAPACITOR,FILM 0.0039MF/16V
C840	1-104-546-11	s	CAPACITOR,FILM 0.0039MF/16V
C841	1-164-392-11	s	CAPACITOR CERAMIC 390PF/50V CH
C842	1-164-392-11	s	CAPACITOR CERAMIC 390PF/50V CH
C843	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C844	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C845	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C846	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C847	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C848	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C849	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C850	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C851	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C852	1-113-682-11	s	CAPACITOR,TANTALUM 33MF/10V
C854	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C855	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C856	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C857	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C858	1-110-569-11	s	CAPACITOR,TANTALUM 47MF/6.3V
C859	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C860	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C861	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C862	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C863	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C864	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C906	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C907	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
CN403	1-774-391-11	o	CONNECTOR, BOARD TO BOARD 60P
CN416	1-568-357-11	o	CONNECTOR, BOARD TO BOARD 16P
CN417	1-568-357-11	o	CONNECTOR, BOARD TO BOARD 16P
CT202	1-141-322-11	s	CAPACITOR,VAR,TRIMMER
CT421	1-141-327-11	s	CAPACITOR,VAR,TRIMMER (CHIP)
CT501	1-141-327-11	s	CAPACITOR,VAR,TRIMMER (CHIP)
D151	8-719-941-04	s	DIODE SB007-03CP
D171	8-719-941-04	s	DIODE SB007-03CP
D201	8-719-941-04	s	DIODE SB007-03CP
D421	8-719-002-81	s	DIODE 1T363 (VARI-CAP)
D451	8-719-041-39	s	DIODE KV1470 (5MA)
D601	8-719-041-39	s	DIODE KV1470 (5MA)
D602	8-719-027-95	s	DIODE HSM88WK
D613	8-719-041-39	s	DIODE KV1470 (5MA)
D614	8-719-027-95	s	DIODE HSM88WK
D721	8-719-041-39	s	DIODE KV1470 (5MA)
FL221	1-233-345-21	s	FILTER, LOW PASS (5.5MHZ)
FL222	1-233-776-11	s	FILTER, LOW PASS
FL223	1-233-776-11	s	FILTER, LOW PASS
FL263	1-233-390-21	s	FILTER, BAND PASS
IC151	8-759-324-03	s	IC HA17431UA(TL)
IC152	8-752-376-32	s	IC CXD2310AR
IC153	8-759-058-58	s	IC TC7S04FU-TE85R
IC154	8-759-422-21	s	IC NJM4580VTE2
IC171	8-759-324-03	s	IC HA17431UA(TL)
IC172	8-759-447-90	s	IC TLC5733AIPM
IC173	8-759-523-49	s	IC TC74ACT541FT(EL)
IC201	8-752-371-65	s	IC CXD2304R
IC221	8-759-082-60	s	IC TC7S66FU
IC222	8-759-082-60	s	IC TC7S66FU
IC261	8-752-056-59	s	IC CXA1592R
IC262	8-752-053-21	s	IC CXA1211M
IC263	8-752-053-21	s	IC CXA1211M
IC265	8-759-660-23	s	IC SN74HCT08APWR
IC266	8-759-660-23	s	IC SN74HCT08APWR
IC267	8-759-067-52	s	IC MB88347PFV-ER
IC268	8-759-067-52	s	IC MB88347PFV-ER
IC269	8-759-196-96	s	IC TC7SH08FU (TE85R)
IC331	8-752-054-80	s	IC CXA1521M
IC332	8-752-072-86	s	IC CXA1822Q
IC333	8-752-053-21	s	IC CXA1211M
IC334	8-752-053-21	s	IC CXA1211M
IC335	8-759-640-14	s	IC TK15420MTL
IC401	8-759-464-95	s	IC AK6420AF-E2
IC402	8-759-392-81	s	IC SN74LVC16245ADGGR
IC403	8-759-392-81	s	IC SN74LVC16245ADGGR
IC404	8-759-271-86	s	IC TC7SH04FU
IC405	8-759-457-61	s	IC CXD8628BR
IC406	8-752-374-89	s	IC CXD2192Q
IC407	8-759-198-63	s	IC S-81230SG-QB-T1
IC408	8-759-343-09	s	IC CXD2193AR-ER
IC409	8-759-392-81	s	IC SN74LVC16245ADGGR
IC410	8-759-271-86	s	IC TC7SH04FU

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Ref. No. or Q'ty	Part No.	SP	Description
IC411	8-759-386-27	s	IC 74LCX04MTCX
IC451	8-759-987-27	s	IC LM1881M
IC453	8-759-907-81	s	IC SN74LS221N(S)
IC454	8-759-524-19	s	IC TC74VHC164FT(EL)
IC455	8-759-271-86	s	IC TC7SH04FU
IC501	8-759-327-31	s	IC CXD2183R
IC511	8-752-378-68	s	IC CXD3101R
IC521	8-759-328-28	s	IC ZA4024
IC531	8-759-328-28	s	IC ZA4024
IC551	8-759-426-26	s	IC CXD8608R
IC552	8-759-524-52	s	IC TC74VHC574FT(EL)
IC553	8-759-524-52	s	IC TC74VHC574FT(EL)
IC611	8-752-375-05	s	IC CXD2191R
IC612	8-759-524-09	s	IC TC74VHC153FT (EL)
IC651	8-752-877-52	s	IC CXP911016-010Q
IC652	8-759-464-95	s	IC AK6420AF-E2
IC671	8-759-385-90	s	IC CXD2187AR
IC672	8-759-585-05	s	IC CXD8627BR
IC673	8-759-082-60	s	IC TC7S66FU
IC681	8-759-337-30	s	IC UPD482445LWG-B10-E2
IC701	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC711	8-752-374-96	s	IC CXD2190R
IC721	8-759-271-86	s	IC TC7SH04FU
IC722	8-759-271-86	s	IC TC7SH04FU
IC723	8-759-362-16	s	IC CXD2913AQ
IC724	8-759-327-01	s	IC NJM062V-TE2
IC725	8-759-429-28	s	IC CXD8630R
IC726	8-759-082-60	s	IC TC7S66FU
IC801	8-759-422-21	s	IC NJM4580VTE2
IC803	8-759-357-73	s	IC TL32088CNS (E20)
IC804	8-759-357-74	s	IC TLC320AD58CDWR
IC805	8-759-173-51	s	IC SM5872AS (ET)
IC806	8-759-422-21	s	IC NJM4580VTE2
IC807	8-759-422-21	s	IC NJM4580VTE2
IC808	8-759-422-21	s	IC NJM4580VTE2
IC811	8-752-374-97	s	IC CXD2705AR
IC812	8-759-674-62	s	IC MM74HCT541MTCX
IC813	8-759-523-94	s	IC TC74VHC32FT(EL)
IC815	8-759-184-64	s	IC TC4W66FU
IC816	8-759-184-64	s	IC TC4W66FU
L151	1-414-444-11	s	MICRO INDUCTOR (CHIP TYPE)
L152	1-414-398-11	s	INDUCTOR (SMD) 10UH
L153	1-414-398-11	s	INDUCTOR (SMD) 10UH
L201	1-414-398-11	s	INDUCTOR (SMD) 10UH
L202	1-414-398-11	s	INDUCTOR (SMD) 10UH
L221	1-414-402-11	s	INDUCTOR (SMD) 47UH
L251	1-414-402-11	s	INDUCTOR (SMD) 47UH
L262	1-414-398-11	s	INDUCTOR (SMD) 10UH
L263	1-414-398-11	s	INDUCTOR (SMD) 10UH
L264	1-414-398-11	s	INDUCTOR (SMD) 10UH
L331	1-414-402-11	s	INDUCTOR (SMD) 47UH
L332	1-410-393-11	s	INDUCTOR,CHIP 100UH (3225)
L333	1-414-402-11	s	INDUCTOR (SMD) 47UH
L334	1-414-402-11	s	INDUCTOR (SMD) 47UH
L401	1-414-398-11	s	INDUCTOR (SMD) 10UH
L402	1-414-398-11	s	INDUCTOR (SMD) 10UH
L421	1-414-398-11	s	INDUCTOR (SMD) 10UH
L451	1-414-398-11	s	INDUCTOR (SMD) 10UH
L452	1-411-275-21	s	COIL, VARIABLE

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Ref. No. or Q'ty	Part No.	SP	Description
L501	1-414-398-11	s	INDUCTOR (SMD) 10UH
L511	1-414-398-11	s	INDUCTOR (SMD) 10UH
L551	1-414-398-11	s	INDUCTOR (SMD) 10UH
L601	1-410-378-11	s	INDUCTOR,CHIP 5.6UH (3225)
L611	1-414-402-11	s	INDUCTOR (SMD) 47UH
L613	1-410-740-31	s	INDUCTOR,CHIP 0.82UH
L651	1-414-398-11	s	INDUCTOR (SMD) 10UH
L671	1-414-398-11	s	INDUCTOR (SMD) 10UH
L672	1-414-398-11	s	INDUCTOR (SMD) 10UH
L681	1-414-398-11	s	INDUCTOR (SMD) 10UH
L701	1-414-398-11	s	INDUCTOR (SMD) 10UH
L711	1-414-398-11	s	INDUCTOR (SMD) 10UH
L721	1-414-398-11	s	INDUCTOR (SMD) 10UH
L723	1-414-398-11	s	INDUCTOR (SMD) 10UH
L724	1-414-398-11	s	INDUCTOR (SMD) 10UH
L725	1-411-984-11	s	COIL, VARIABLE
L726	1-414-398-11	s	INDUCTOR (SMD) 10UH
L727	1-414-398-11	s	INDUCTOR (SMD) 10UH
L801	1-414-398-11	s	INDUCTOR (SMD) 10UH
L802	1-414-398-11	s	INDUCTOR (SMD) 10UH
L803	1-414-398-11	s	INDUCTOR (SMD) 10UH
L804	1-414-398-11	s	INDUCTOR (SMD) 10UH
L805	1-410-393-11	s	INDUCTOR,CHIP 100UH (3225)
L806	1-410-393-11	s	INDUCTOR,CHIP 100UH (3225)
L807	1-414-398-11	s	INDUCTOR (SMD) 10UH
L808	1-414-398-11	s	INDUCTOR (SMD) 10UH
L809	1-414-398-11	s	INDUCTOR (SMD) 10UH
L901	1-414-392-21	s	INDUCTOR (SMD) 1.0UH
L902	1-414-392-21	s	INDUCTOR (SMD) 1.0UH
L903	1-414-392-21	s	INDUCTOR (SMD) 1.0UH
L904	1-414-392-21	s	INDUCTOR (SMD) 1.0UH
L905	1-414-392-21	s	INDUCTOR (SMD) 1.0UH
Q151	8-729-927-59	s	TRANSISTOR UMZ1
Q152	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q221	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q222	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q223	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q224	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q225	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q226	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q227	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q228	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q229	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q230	8-729-015-88	s	TRANSISTOR UMC3TL
Q331	8-729-927-59	s	TRANSISTOR UMZ1
Q332	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q334	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q335	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q336	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q337	8-729-927-59	s	TRANSISTOR UMZ1
Q338	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q339	8-729-026-52	s	TRANSISTOR 2SA1576A-T106-R
Q723	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q801	8-729-015-88	s	TRANSISTOR UMC3TL
Q802	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q803	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q901	8-729-023-16	s	TRANSISTOR SI9953DY-T1
Q902	8-729-927-74	s	TRANSISTOR UMG2

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Ref. No. or Q'ty	Part No.	SP	Description
Q903	8-729-015-88	s	TRANSISTOR UMC3TL
Q904	8-729-015-88	s	TRANSISTOR UMC3TL
R151	1-218-878-11	s	RESISTOR,CHIP 20K 1/16W (1608)
R152	1-218-878-11	s	RESISTOR,CHIP 20K 1/16W (1608)
R153	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R154	1-218-873-11	s	RESISTOR,CHIP 12K 1/16W (1608)
R155	1-218-878-11	s	RESISTOR,CHIP 20K 1/16W (1608)
R156	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R157	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R159	1-216-824-11	s	RESISTOR, CHIP 1.8K 1/16W 1608
R160	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R161	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R174	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R175	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R176	1-218-849-11	s	RESISTOR,CHIP 1.2K 1/16W(1608)
R177	1-218-849-11	s	RESISTOR,CHIP 1.2K 1/16W(1608)
R178	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R180	1-218-849-11	s	RESISTOR,CHIP 1.2K 1/16W(1608)
R201	1-218-835-11	s	RESISTOR,CHIP 330 1/16W (1608)
R202	1-218-835-11	s	RESISTOR,CHIP 330 1/16W (1608)
R203	1-218-835-11	s	RESISTOR,CHIP 330 1/16W (1608)
R204	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R205	1-218-879-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R206	1-218-879-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R207	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R210	1-211-985-11	s	RESISTOR,CHIP 47 1/16W (1608)
R212	1-216-296-91	s	CONDUCTOR, CHIP (3216)
R221	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R222	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R223	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R224	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R225	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R226	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R227	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R228	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R229	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R230	1-218-839-11	s	RESISTOR,CHIP 470 1/16W (1608)
R231	1-218-841-11	s	RESISTOR,CHIP 560 1/16W (1608)
R232	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R233	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R234	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R235	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R236	1-218-839-11	s	RESISTOR,CHIP 470 1/16W (1608)
R237	1-218-841-11	s	RESISTOR,CHIP 560 1/16W (1608)
R238	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R263	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R265	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R266	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R267	1-218-847-11	s	RESISTOR, CHIP 1K 1/16W (1608)
R268	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R269	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R271	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R272	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R273	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R274	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R275	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R278	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R279	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)

(VA-205C BOARD (DSR-1P))

Ref. No. or Q'ty	Part No.	SP Description
R280	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R281	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R282	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R284	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R287	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R304	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R307	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R310	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R312	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R313	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R314	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R316	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R331	1-211-989-11	s RESISTOR,CHIP 68 1/16W (1608)
R332	1-211-989-11	s RESISTOR,CHIP 68 1/16W (1608)
R333	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R334	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R335	1-211-990-11	s RESISTOR,CHIP 75 1/16W (1608)
R336	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R337	1-218-849-11	s RESISTOR,CHIP 1.2K 1/16W(1608)
R338	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R339	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R340	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R341	1-211-990-11	s RESISTOR,CHIP 75 1/16W (1608)
R343	1-211-990-11	s RESISTOR,CHIP 75 1/16W (1608)
R344	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R345	1-218-835-11	s RESISTOR,CHIP 330 1/16W (1608)
R346	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R347	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R348	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R349	1-218-875-11	s RESISTOR,CHIP 15K 1/16W (1608)
R350	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R351	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R352	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R353	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R354	1-218-861-11	s RESISTOR,CHIP 3.9K 1/16W(1608)
R355	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R356	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R357	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R358	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R359	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R360	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R361	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R362	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R365	1-218-843-11	s RESISTOR,CHIP 680 1/16W (1608)
R366	1-218-841-11	s RESISTOR,CHIP 560 1/16W (1608)
R367	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R368	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R369	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R370	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R371	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R372	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R373	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R374	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R375	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R376	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R377	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R402	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R403	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R404	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP Description
R405	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R406	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R407	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R408	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R410	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R411	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R413	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R416	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R421	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R422	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R423	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R424	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R426	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R427	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R428	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R429	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R430	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R433	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R439	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R440	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R441	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R442	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R443	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R446	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R452	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R453	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R455	1-216-855-11	s RESISTOR, CHIP 680K 1/16W 1608
R456	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R457	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R458	1-211-987-11	s RESISTOR,CHIP 56 1/16W (1608)
R459	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R460	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R462	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R464	1-218-855-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R465	1-211-989-11	s RESISTOR,CHIP 68 1/16W (1608)
R466	1-218-847-11	s RESISTOR, CHIP 1K 1/16W (1608)
R467	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R468	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R469	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R471	1-216-855-11	s RESISTOR, CHIP 680K 1/16W 1608
R472	1-218-892-11	s RESISTOR,CHIP 75K 1/16W (1608)
R473	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R474	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R475	1-218-875-11	s RESISTOR,CHIP 15K 1/16W (1608)
R480	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R482	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R489	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R490	1-218-903-11	s RESISTOR,CHIP 220K 1/16W(1608)
R491	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R492	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R493	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R494	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R495	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R496	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R502	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R516	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R517	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R531	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R533	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R539	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R540	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R541	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R542	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R545	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R551	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R558	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R601	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R602	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R603	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R604	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R605	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R606	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R607	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R611	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R612	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R613	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R614	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R615	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R617	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R618	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R621	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R622	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R623	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R624	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R625	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R627	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R628	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R629	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R630	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R631	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R634	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R635	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R651	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R652	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R653	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R654	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R655	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R656	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R658	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R659	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R660	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R661	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R662	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R663	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R664	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R665	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R666	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R667	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R668	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R671	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R672	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R674	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R676	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R678	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R685	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R711	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R715	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R716	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R717	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R718	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R719	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R720	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R724	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R725	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R726	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R728	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R729	1-218-879-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R730	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R731	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R732	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R734	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R735	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R741	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R742	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R743	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R744	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R745	1-218-887-11	s	RESISTOR,CHIP 47K 1/16W (1608)
R746	1-218-883-11	s	RESISTOR,CHIP 33K 1/16W (1608)
R747	1-218-887-11	s	RESISTOR,CHIP 47K 1/16W (1608)
R748	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R749	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R759	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R762	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R763	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R766	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R801	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R802	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R804	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R806	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R807	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R808	1-218-879-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R809	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R810	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R811	1-218-872-11	s	RESISTOR,CHIP 11K 1/16W (1608)
R812	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R813	1-216-849-11	s	RESISTOR,CHIP 220K 1/16W 1608
R814	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R815	1-218-844-11	s	RESISTOR,CHIP 750 1/16W (1608)
R816	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R817	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R818	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R819	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R820	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R821	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R822	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R823	1-218-871-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R824	1-218-880-11	s	RESISTOR,CHIP 24K 1/16W (1608)
R825	1-218-880-11	s	RESISTOR,CHIP 24K 1/16W (1608)
R826	1-218-880-11	s	RESISTOR,CHIP 24K 1/16W (1608)
R827	1-218-880-11	s	RESISTOR,CHIP 24K 1/16W (1608)
R828	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R829	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R830	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R831	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R832	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R833	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R834	1-218-860-11	s	RESISTOR,CHIP 3.6K 1/16W(1608)

(VA-205C BOARD (DSR-1P))

Ref. No. or Q'ty	Part No.	SP Description
R835	1-218-860-11	s RESISTOR,CHIP 3.6K 1/16W(1608)
R836	1-218-859-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R837	1-218-859-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R839	1-218-871-11	s RESISTOR,CHIP 10K 1/16W (1608)
R840	1-218-871-11	s RESISTOR,CHIP 10K 1/16W (1608)
R841	1-218-871-11	s RESISTOR,CHIP 10K 1/16W (1608)
R842	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R843	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R844	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R845	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R846	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R847	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R848	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R849	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R852	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R853	1-218-872-11	s RESISTOR,CHIP 11K 1/16W (1608)
R854	1-218-879-11	s RESISTOR,CHIP 22K 1/16W (1608)
R855	1-218-879-11	s RESISTOR,CHIP 22K 1/16W (1608)
R856	1-218-844-11	s RESISTOR,CHIP 750 1/16W (1608)
R857	1-218-879-11	s RESISTOR,CHIP 22K 1/16W (1608)
R861	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R862	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R864	1-218-878-11	s RESISTOR,CHIP 20K 1/16W (1608)
R865	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R867	1-218-871-11	s RESISTOR,CHIP 10K 1/16W (1608)
R869	1-218-878-11	s RESISTOR,CHIP 20K 1/16W (1608)
R870	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R901	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R902	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R903	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R904	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
RB262	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB263	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB401	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB402	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB403	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB404	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB421	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB422	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB423	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB424	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB511	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB552	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB553	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB554	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB611	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB612	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB613	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB651	1-236-436-11	s RESISTOR BLOCK 100K
RB652	1-236-400-11	s RESISTOR BLOCK
RB653	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB654	1-236-400-11	s RESISTOR BLOCK
RB655	1-236-400-11	s RESISTOR BLOCK
RB656	1-239-444-11	s NETWORK,RESISTOR 220K (1608)
RB671	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB672	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB673	1-236-440-11	s RESISTOR BLOCK 220K
RB674	1-236-904-11	s RESISTOR NETWORK 1K (1608)

(VA-205C BOARD (DSR-1P))

Ref. No. or Q'ty	Part No.	SP Description
RB675	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RB702	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RV221	1-223-274-11	s RESISTOR, ADJ 2.2K
RV222	1-223-274-11	s RESISTOR, ADJ 2.2K
RV452	1-223-273-11	s RESISTOR,ADJ 1K
TP261	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP262	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP263	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP401	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP402	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP403	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP611	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP612	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
X421	1-579-780-21	s VIBRATOR, CRYSTAL
X611	1-760-654-21	s VIBRATOR, CRYSTAL
X651	1-760-655-21	s VIBRATOR, CRYSTAL



FRAME

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-4900-064-A	s DRUM ASSY, DEH-03A-R
1pc	1-777-864-11	s CABLE, FLEXIBLE FLAT 20P (CN772/RP board to CN501/SV board)
1pc	1-473-945-14	s CONVERTER UNIT, DC-DC
3pcs	1-777-865-13	s CABLE, FLEXIBLE FLAT 40P (CN1/MB board to CN102/FP board) (CN2/MB board to CN103/FP board) (CN3/MB board to CN104/FP board)
1pc	1-777-866-12	s CABLE, FLEXIBLE FLAT 45P (CN7/MB board to CN773/RP board)
1pc	1-777-867-12	s CABLE, FLEXIBLE FLAT 50P (CN5/MB board to CN502/SV board)
1pc	1-801-756-11	s SENSOR, DEW CONDENSATION
M1001	1-698-870-12	s MOTOR, DC (REEL)
M1002	8-835-530-01	s MOTOR, DC SCD12A/J-N
SP1001	1-544-559-11	s SPEAKER (2.8CM)

HARNESSES

Ref. No. or Q'ty	Part No.	SP Description
HARNESS	(ANTON):CN11/MB-661 board to ANTON BAUER	
1pc	1-956-662-11	o HARNESS (ANTON)
CN11	1-569-618-11	o HOUSING, CONNECTOR 3P
3pcs	1-565-977-11	s TERMINAL, SOLDERLESS
1pc	1-695-565-21	o HOUSING, TRANSLATION CONNECT
3pcs	1-695-596-11	s PIN, CONTACT (ZM) 1P
HARNESS	(BATTERY):CN103/PS-409 board to BATTERY	
CN103	1-561-514-00	o HOUSING, ILG 2P
2pcs	1-560-372-00	s TERMINAL, PRESS
HARNESS	(CP-PS):CN803/CP-283 board to CN104/PS-409 board	
CN803	1-569-620-11	o HOUSING, CONNECTOR 5P
5pcs	1-565-977-11	s TERMINAL, SOLDERLESS
CN104	1-569-620-11	o HOUSING, CONNECTOR 5P
5pcs	1-565-977-11	s TERMINAL, SOLDERLESS
HARNESS	(DC INLET):CN101/PS-409 board to CN1002	
CN101	1-561-516-00	o CONNECTOR HOUSING, ILG 4P
4pcs	1-560-372-00	s TERMINAL, PRESS
CN1002	1-564-603-11	s CONNECTOR (WITH DC SW) 4P, MALE
HARNESS	(DC OUT):CN802/CP-283 board to CN1001	
CN802	1-569-618-11	o HOUSING, CONNECTOR 3P
3pcs	1-565-977-11	s TERMINAL, SOLDERLESS
CN1001	1-565-072-11	s CONNECTOR (RF), ROUND
HARNESS	(LOADING):CN517/HN-227 board to LOADING MOTOR	
CN517	1-569-617-11	o HOUSING, CONNECTOR 2P
2pcs	1-569-977-11	s PIN, CONNECTOR (PC BOARD) 6P
HARNESS	(MB-IF):CN603/IF-631 board to CN15/MB-661 board	
CN603	1-569-519-11	o HOUSING, CONNECTOR 7P
7pcs	1-565-977-11	s TERMINAL, SOLDERLESS
CN15	1-569-519-11	o HOUSING, CONNECTOR 7P
7pcs	1-565-977-11	s TERMINAL, SOLDERLESS
HARNESS	(POWER SW):CN10/MB-661 board to S1001	
CN10	1-561-515-00	o CONNECTOR HOUSING (3P)
3pcs	1-560-372-00	s TERMINAL, PRESS
S1001	1-571-367-11	s SWITCH, TOGGLE
HARNESS	(PS-MB):CN13/MB-661 board to CN102/PS-409 board	
CN13	1-561-515-00	o CONNECTOR HOUSING (3P)
3pcs	1-560-372-00	s TERMINAL, PRESS
CN102	1-561-515-00	o CONNECTOR HOUSING (3P)
3pcs	1-560-372-00	s TERMINAL, PRESS

13-4. Packing Materials & Accessories

(HARNESSES)

Ref. No.
or Q'ty Part No. SP Description

HARNESSES (SPEAKER):CN105/FP-81 board to SP1001

CN105 1-569-618-11 o HOUSING, CONNECTOR 3P
3pcs 1-565-977-11 s TERMINAL, SOLDERLESS

Ref. No.
or Q'ty Part No. SP Description

1pc A-6772-374-C s BELT ASSY, SHOULDER

1pc A-8278-390-B s SUPPORT,ASSY,BELT
(This assy includes the following parts.)
2pcs 3-687-116-01 o WASHER (4), STOPPER (PLA)
2pcs 3-685-694-31 s SCREW, NYLOCK +PSW M4

1pc A-8278-391-A s JOINT ASSY,CAMERA
(This assy includes the following parts.)
2pcs 3-687-116-01 o WASHER (4), STOPPER (PLA)
2pcs 7-682-562-09 s SCREW +B 4X10 (EP-FE/ZNBK/CM2)

1pc 1-528-174-31 s BATTERY, LITHIUM CR2032
1pc 3-604-377-01 s CAP,CN (NBR)

1pc 3-858-431-03 s MANUAL, INSTRUCTION
(for J :Japanese)

1pc 3-858-431-13 s MANUAL, INSTRUCTION
(for UC,CE :English)

1pc 3-858-431-23 s MANUAL, INSTRUCTION
(for UC,CE :French)

1pc 3-858-431-33 s MANUAL, INSTRUCTION
(for CE :German)

1pc 3-858-431-43 s MANUAL, INSTRUCTION
(for CE :Italian)

1pc 3-858-617-02 s INSTRUCTION (WF)

2pcs 7-682-560-09 s SCREW +B 4X6
2pcs 7-682-563-09 s SCREW +B 4X12

13-5. Optional Fixtures

Part No. SP Description

J-6080-029-A o SMALL ADJUSTMENT MIRROR
J-6082-231-A o WASHER ATTACHING TOOL (for 1.5)
J-6082-232-A o WASHER ATTACHING TOOL (for 1.2)
J-6082-233-A o WASHER ATTACHING TOOL (for 0.8)
J-6082-234-A o WASHER REMOVING TOOL A

J-6082-236-A o WASHER ATTACHING/DETACHING KIT
J-6082-362-A o TAPE GUIDE ADJUSTING SCREWDRIVER
J-6082-373-A o TORQUE CASSETTE
J-6325-110-A o TORQUE SCREWDRIVER BIT (for 1.4)
J-6325-380-A o TORQUE SCREWDRIVER BIT (for M2)

J-6325-400-A o TORQUE SCREWDRIVER (3 kg)
J-6337-830-A o CAMERA TOOL, EW-783
J-6441-720-A o EXTENSION BOARD, DJ-172
J-6441-740-A o EXTENSION BOARD, DJ-174
J-6442-350-A o RF EXTENSION BOARD

J-6442-410-A o CASSETTE REFERENCE BOARD
J-6442-420-A o GUIDE GAUGE
J-6442-430-A o REEL TABLE HEIGHT CHECK GAUGE
J-6442-510-A o TORQUE GAUGE 90ATG
J-6442-520-A o REWINDING TORQUE MEASURING ATTACHMENT

3-184-527-01 o CLEANING CLOTH
7-432-114-11 o THREE BOND 1401B
7-651-000-10 o GREASE SGL-601 (50g)
8-967-999-02 o ALIGNMENT TAPE, XH2-1AST
8-967-999-21 o ALIGNMENT TAPE, XH5-1A (for NTSC)

8-967-999-25 o ALIGNMENT TAPE, XH5-1AP (for PAL)
9-919-573-01 o CLEANING LIQUID

Section 14

Semiconductor Pin Assignments

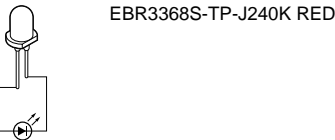
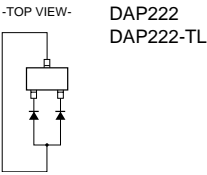
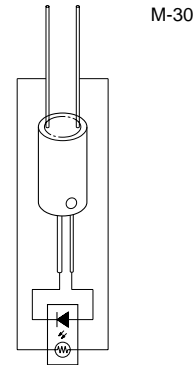
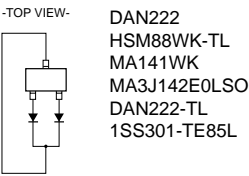
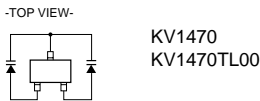
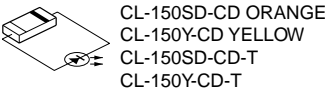
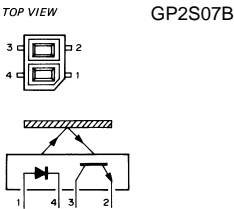
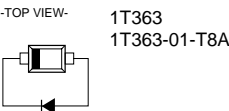
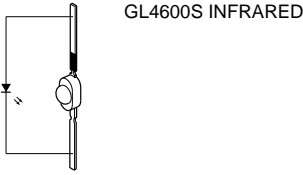
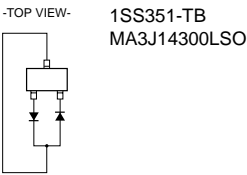
ここに記載されている半導体は、それぞれの機能を等価的に表したものです。なお、互換性のない型名を併記していることがありますので、部品を交換するときは、Spare Partsの章を参照してください。
等価回路は I C メーカーのデータブックに従いました。

Semiconductors of which functions are equivalent are described here. For parts replacement, refer to the section of Spare Parts in this manual. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

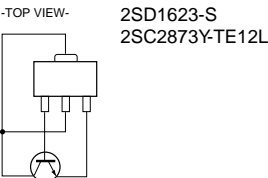
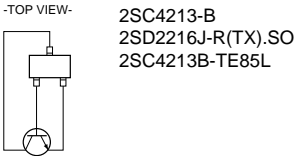
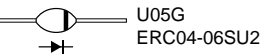
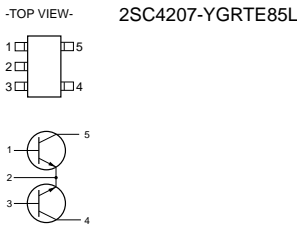
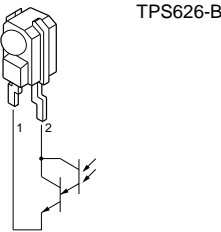
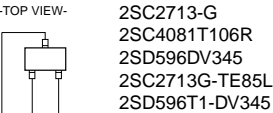
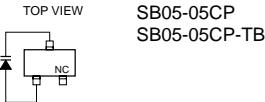
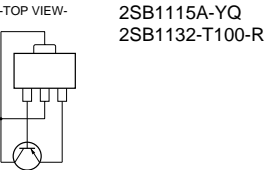
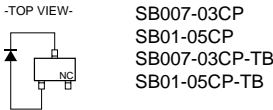
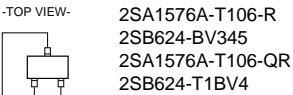
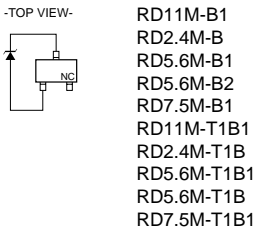
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1SS351-TB	14-3			2SA1576A-T106-R	14-3		
1T363	14-3			2SB1115A-YQ	14-3		
1T363-01-T8A	14-3			2SB1132-T100-R	14-3		
				2SB624-BV345	14-3		
CL-150SD-CD	14-3			2SB624-T1BV4	14-3		
CL-150SD-CD-T	14-3			2SC2713-G	14-3		
CL-150Y-CD	14-3			2SC2713G-TE85L	14-3		
CL-150Y-CD-T	14-3			2SC2873Y-TE12L	14-3		
				2SC4081T106R	14-3		
DAN222	14-3			2SC4207-YGRTE85L	14-3		
DAN222-TL	14-3			2SC4213-B	14-3		
DAP222	14-3			2SC4213B-TE85L	14-3		
DAP222-TL	14-3			2SD1623-S	14-3		
				2SD2216J-R(TX).SO	14-3		
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ERC04-06SU2	14-3			2SD596T1-DV345	14-3		
				2SK663	14-4		
GL4600S	14-3			2SK852-T1X3	14-4		
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KV1470	14-3			DTA144EUA-T106	14-4		
KV1470TL00	14-3			DTC114EU	14-4		
				DTC114EUA-T106	14-4		
M-30	14-3			DTC143ZUA-T106	14-4		
MA141WK	14-3			DTC144EUA-T106	14-4		
MA3J142E0LSO	14-3						
MA3J14300LSO	14-3			FP102T-TL	14-4		
RD11M-B1	14-3			IMB2	14-4		
RD11M-T1B1	14-3			IMB2-T110	14-4		
RD2.4M-B	14-3			IMT1AUS-T110	14-4		
RD2.4M-T1B	14-3			IMX1	14-4		
RD5.6M-B1	14-3			IMX1T110	14-4		
RD5.6M-B2	14-3						
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RD5.6M-T1B1	14-3			SI9953DY-T1	14-4		
RD7.5M-B1	14-3						
RD7.5M-T1B1	14-3			UMA9-TR	14-4		
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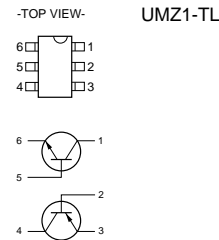
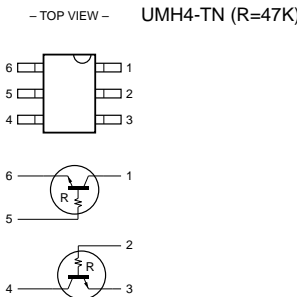
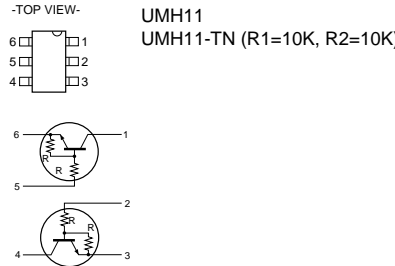
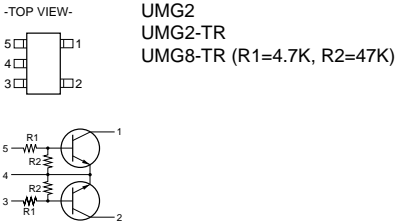
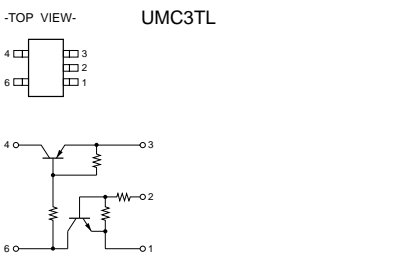
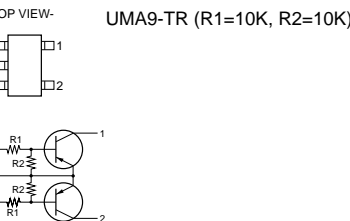
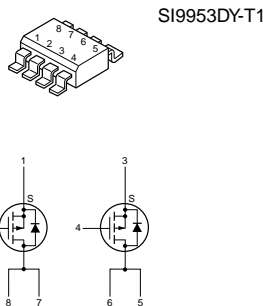
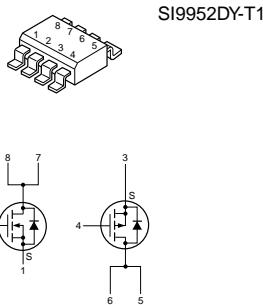
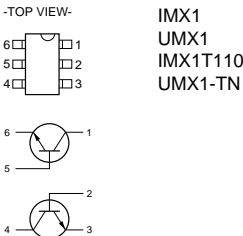
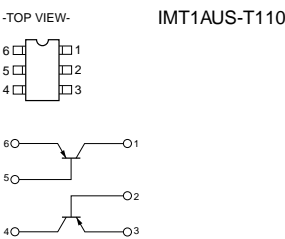
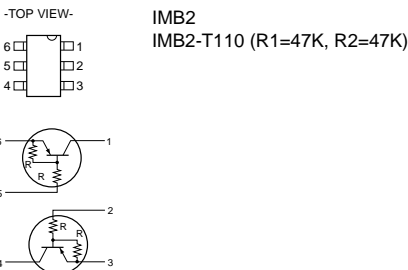
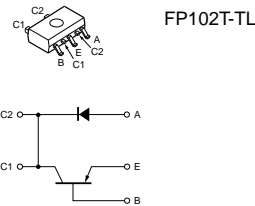
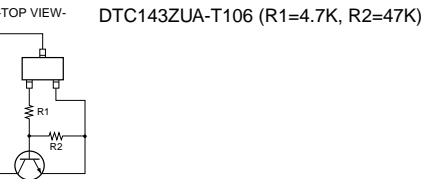
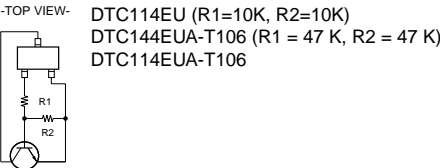
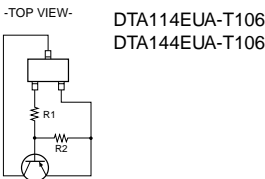
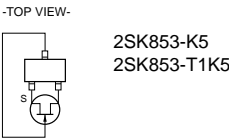
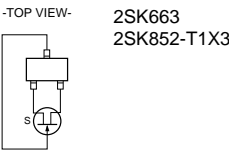
DIODE



TRANSISTOR

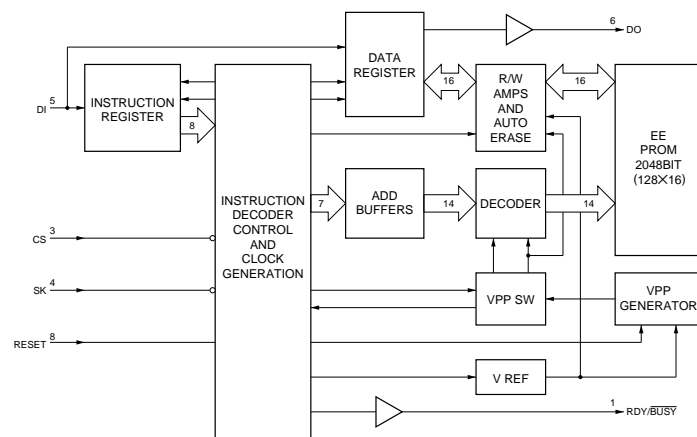
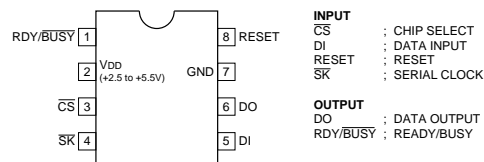


Transistor



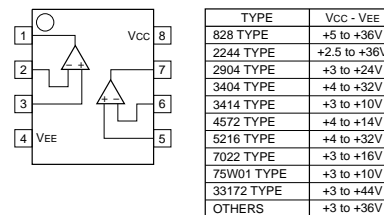
IC

AK6420HF-E2 (ASAHI KASEI MICRO SYSTEM)

C-MOS 2048 (128X16)-BIT ELECTRICALLY ERASABLE PROM
-TOP VIEW-

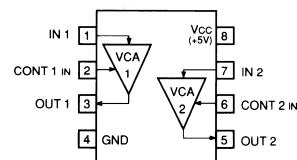
BA10358F-E2 (ROHM) FLAT PACKAGE
NJM2904M (JRC) FLAT PACKAGE
UPC4572G2-E2 (NEC) FLAT PACKAGE
UPC358G2-E2
NJM2904M-T2

DUAL OPERATIONAL AMPLIFIERS
(SINGLE-SUPPLY TYPE)
-TOP VIEW-

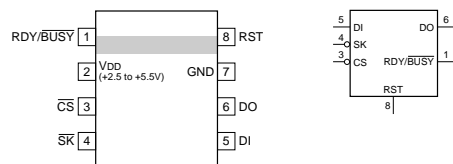


CXA1211M (SONY)
CXA1211M-T4

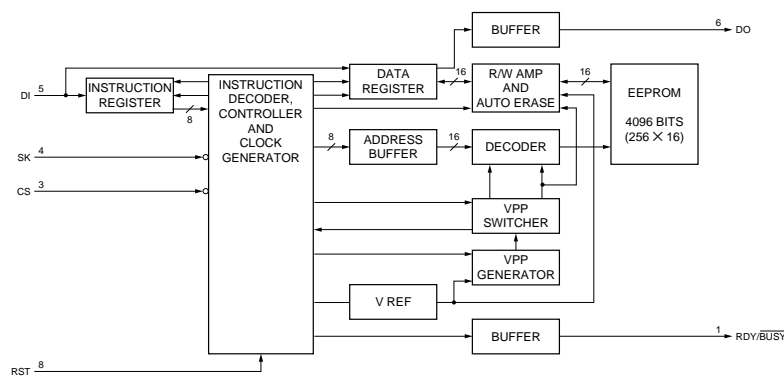
ELECTRONIC VOLUME
- TOP VIEW -



AK6440HF-E2 (ASAHI KASEI)

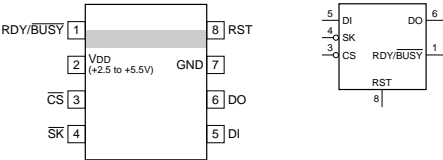
C-MOS 4K(256X16)-BIT SERIAL EEPROM
-TOP VIEW-

CS : CHIP SELECT INPUT
DI : SERIAL DATA INPUT
DO : SERIAL DATA OUTPUT
RDY/BUSY : READY/BUSY OUTPUT
RST : RESET INPUT
SK : SERIAL DATA CLOCK INPUT

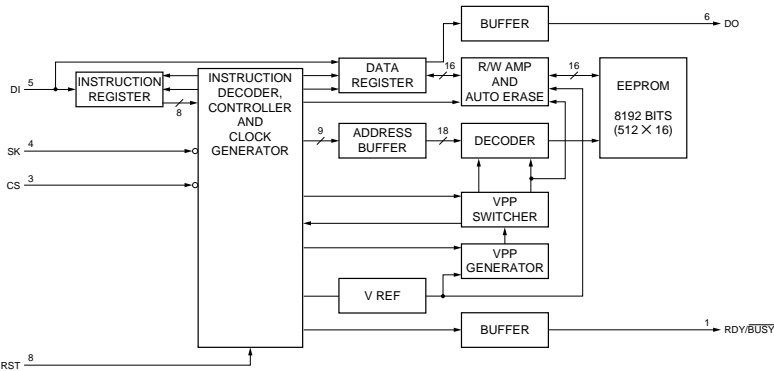


AK6480HF (ASAHI KASEI)
AK6480HF-E2

C-MOS 8K(512X16)-BIT SERIAL EEPROM
-TOP VIEW-

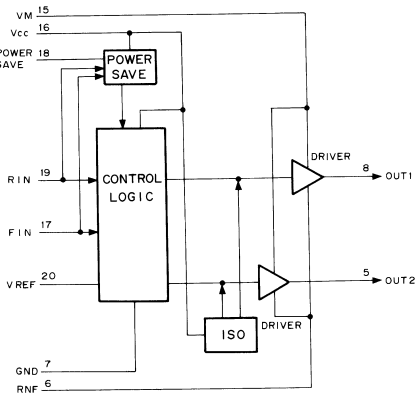
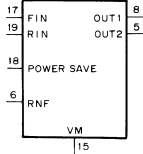
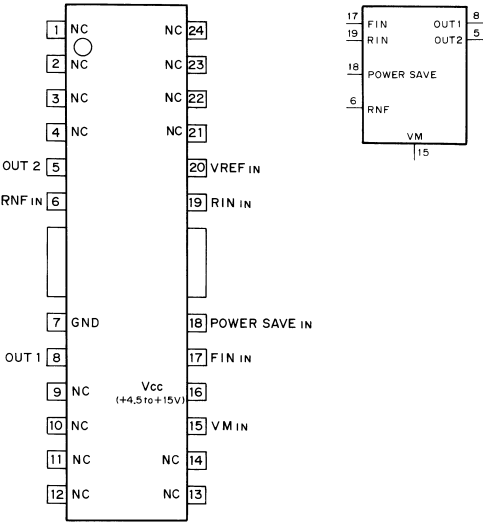


CS : CHIP SELECT INPUT
DI : SERIAL DATA INPUT
DO : SERIAL DATA OUTPUT
RDY/BUSY : READY/BUSY OUTPUT
RST : RESET INPUT
SK : SERIAL DATA CLOCK INPUT



BA6285FP-E2 (ROHM)FLAT PACKAGE

BIPOLA POSSIBLE REVERSE MOTOR DRIVER
- TOP VIEW -

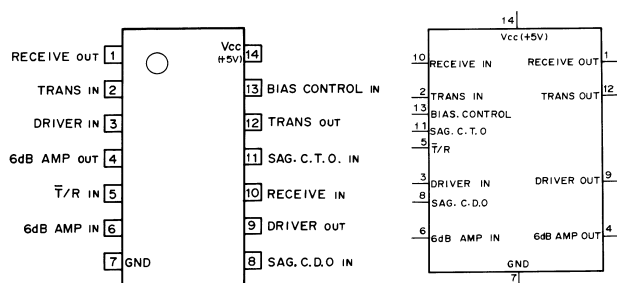


FIN	RIN	OUT2/OUT1	MODE
H	L	L	NORMAL MODE
L	H	H	REVERSE MODE
H	H	L	BRAKE MODE
L	L	OPEN/OPEN	STAND BY MODE

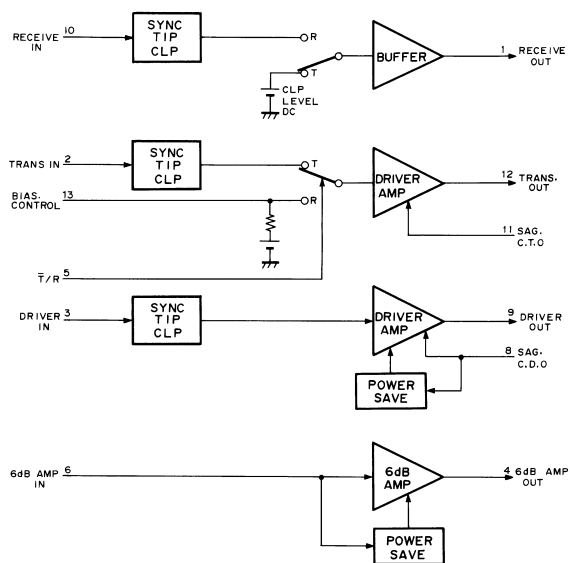
INPUT
FIN : MODE SELECTION
POWER SAVE : POWER SAVE SWITCH
RIN : MODE SELECTION
RNF : OUTPUT BLOCK GROUND
VREF : REFERENCE VOLTAGE SETTING
VM : POWER SUPPLY FOR MOTOR

OUTPUT
OUT1, OUT2 : MOTOR DRIVE SIGNAL

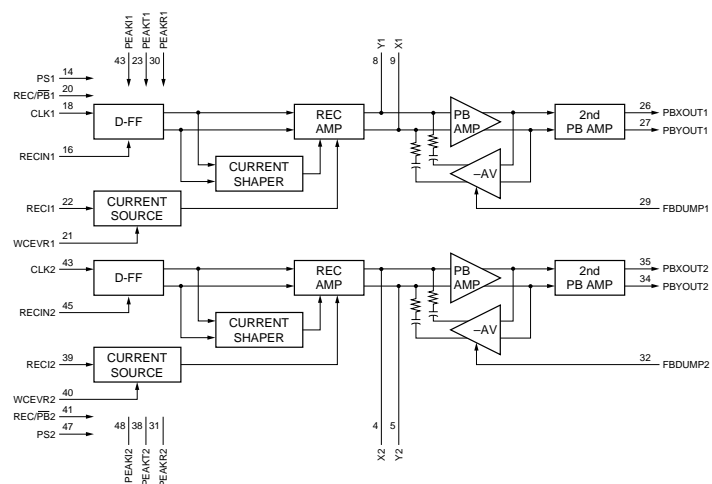
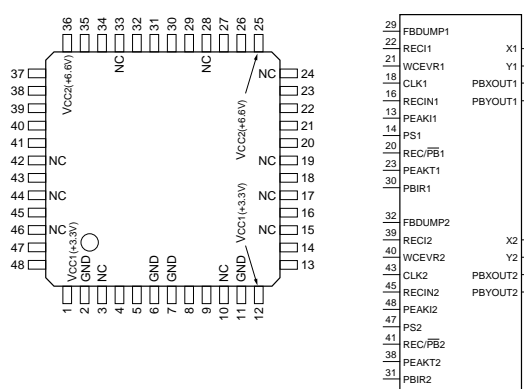
CX20095A-TH (SONY) FLAT PACKAGE

VIDEO LINE DRIVER AND RECEIVER
- TOP VIEW -

6dB AMP IN : 6dB AMP INPUT
 6dB AMP OUT : GAIN 6dB AMP OUTPUT
 BIAS CONTROL : BIAS CONTROL VOLTAGE INPUT
 DRIVER IN : DRIVER AMP INPUT
 DRIVER OUT : DRIVER AMP OUTPUT
 RECEIVE IN : RECEIVE AMP INPUT
 RECEIVE OUT : RECEIVE AMP OUTPUT
 SAG, C.D.O. : SAG CORRECT DRIVE OUT INPUT
 SAG, C.T.O. : SAG CORRECT TRANS OUT INPUT
 T/R : TRANS OR RECEIVE MODE SELECT INPUT
 TRANS IN : TRANS AMP INPUT
 TRANS OUT : TRANS AMP OUTPUT

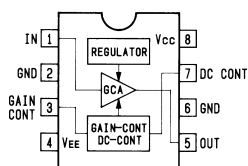


CXA1760Q-T6 (SONY)

RECORD/PLAYBACK AMPLIFIER
-TOP VIEW-

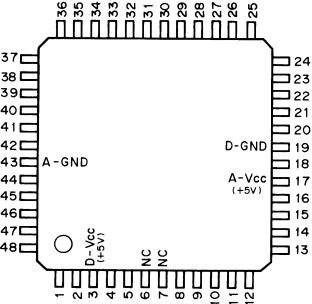
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	Vcc1(+3.3V)	13	I	PEAK1	25	I	Vcc2(+6.6V)	37	-	NC
2	-	GND	14	I	PS1	26	O	PBXOUT1	38	I	PEAK2
3	-	NC	15	-	NC	27	O	PBYOUT1	39	I	REC1
4	I/O	X2	16	I	RECIN1	28	-	NC	40	I	WCEVR2
5	I/O	Y2	17	-	NC	29	I	FBDUMP1	41	I	REC/PB2
6	-	GND	18	I	CLK1	30	I	PBIR1	42	-	NC
7	-	GND	19	-	NC	31	I	PBIR2	43	I	CLK2
8	I/O	Y1	20	I	REC/PB1	32	I	FBDUMP2	44	-	NC
9	I/O	X1	21	I	WCEVR1	33	-	NC	45	I	RECIN2
10	-	NC	22	I	REC1	34	O	PBYOUT2	46	-	NC
11	-	GND	23	I	PEAKT1	35	O	PBXOUT2	47	I	PS2
12	I	Vcc1(+3.3V)	24	-	NC	36	I	Vcc2(+6.6V)	48	I	PEAK2

CXA1521M-TH (SONY)

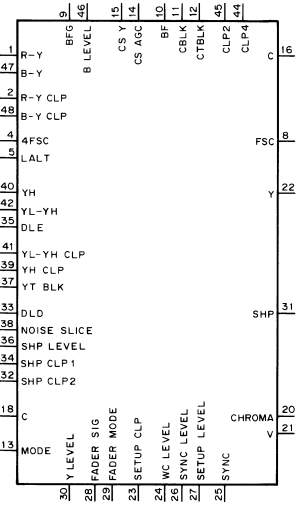
GAIN CONTROL AMP
- TOP VIEW -

CXA1592R (SONY)FLAT PACKAGE
CXA1592R-TH

ENCODER FOR CCD COLOR CAMERA
- TOP VIEW -

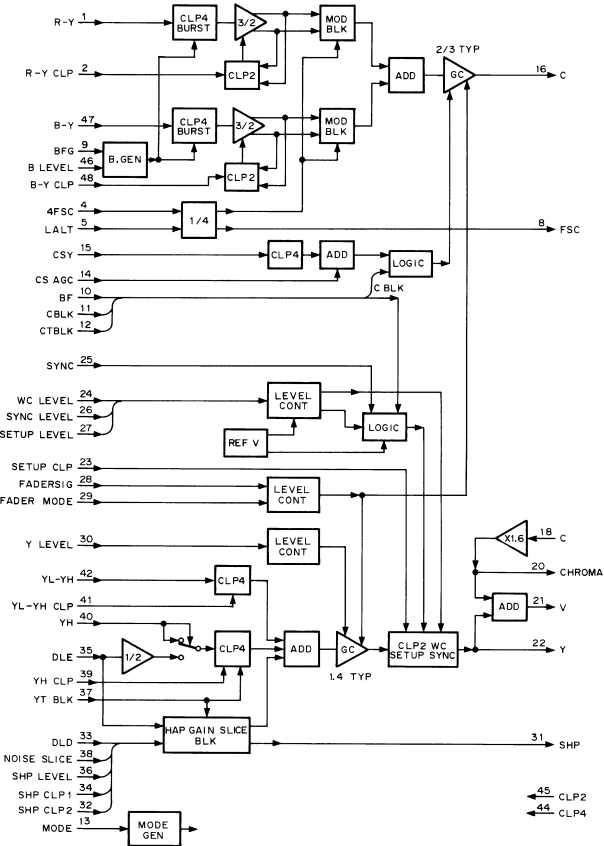


PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	R-Y	13	I	MODE	25	I	SYNC	37	I	YTBK
2	I	R-Y CLP	14	I	CS AGC	26	I	SYNC LEVEL	38	I	NOISE SLICE
3	-	D-Vcc(+5V)	15	I	CSY	27	I	SETUP LEVEL	39	I	YH CLP
4	I	4FSC	16	O	C	28	I	FADER SIG	40	I	YH
5	I	LALT	17	-	A-Vcc(+5V)	29	I	FADER MODE	41	I	YL-YH CLP
6	-	NC	18	I	C	30	I	Y LEVEL	42	I	YL-YH
7	-	NC	19	-	D-GND	31	O	SHP	43	-	A-GND
8	O	FSC	20	O	CHROMA	32	I	SHP CLP2	44	I	CLP4
9	I	BFG	21	O	V	33	I	DLD	45	I	CLP2
10	I	BF	22	O	Y	34	I	SHP CLP1	46	I	B LEVEL
11	I	CBK	23	I	SETUP CLP	35	I	DLE	47	I	B-Y
12	I	CTBLK	24	I	WC LEVEL	36	I	SHP LEVEL	48	I	B-Y CLP

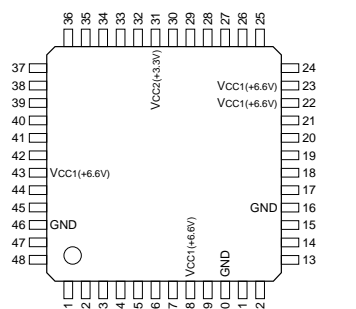


INPUT
4FSC : 4FSC USED TO MAKE UP THE SUB CARRIER
B LEVEL : CONTROLS THE BURST LEVEL
BF : BURST FLAG PULSE
BFG : INSERTS PULSE SLIGHT LARGER THAN BF ON BOTH ENDS
C : INPUT FOR CHROMA SIGNAL PASSED THROUGH BPF
CBK : COMPOSITE BLANKING PULSE
CLP2, 4 : CLAMP2, 4 PULSE INPUT
CS AGC : SUPPRESS CHROMA SIGNAL AT THE AGC GAIN CONTROL SIGNAL
CSY : SUPPRESS CHROMA SIGNAL AT THE Y SIGNAL
CTBLK : CHROMA TITLER PULSE
DLD : CONNECTS THE DELAY LINE DRIVE SIDE OF THE APERTURE SIGNAL
DLE : CONNECTS THE DELAY LINE END SIDE OF THE APERTURE SIGNAL
FADER MODE : BLACK FADER AND WHITE FADER MODE SELECT
FADER SIG : CONTROLS THE SIGNAL SUPPRESS LEVEL DURING BLACK FADER, CONTROLS THE SIGNAL SUPPRESS LEVEL DURING WHITE FADER AND AT THE SAME TIME
LALT : CONTROLS THE SET UP LEVEL
MODE : INPUT FOR LINE ALTERNATE SIGNAL DURING PAL MODE
NOISE SLICE : CONTROLS THE SLICE LEVEL OF THE APERTURE SIGNAL
R-Y, B-Y : R-Y, B-Y SIGNAL
R-Y, B-Y CLP : CONNECTING THE CAPACITOR FOR R-Y, B-Y MODULATOR CLAMP
SETUP CLP : CONNECTING FOR THE WHITE CLIP CLAMP CAPACITOR
SETUP LEVEL : SET UP LEVEL CONTROL
SHP CLP1, 2 : CONNECTS THE CLAMP CAPACITOR USED FOR THE SLICE OF THE APERTURE SIGNAL
SHP LEVEL : CONTROL OF THE APERTURE SIGNAL LEVEL
SYNC : SYNC PULSE
SYNC LEVEL : SYNC LEVEL CONTROL
WC LEVEL : WHITE CLIP LEVEL CONTROL
Y LEVEL : Y SIGNAL LEVEL CONTROL
YH : YH SIGNAL
YH CLP : CONNECTS THE CAPACITOR FOR YH INPUT CLAMP
YL-YH : V APERTURE SIGNALS, TITLER SIGNALS AND YL-YH SIGNALS
YL-YH CLP : CONNECTS THE CAPACITOR FOR YL-YH INPUT CLAMP
YTBK : Y TITLER PULSE

OUTPUT
CHROMA : CHROMA SIGNAL OUTPUT
FSC : CHROMA SIGNAL OUTPUT WHEN USED FOR Y/C SEPARATION OUTPUT
SHP : OUTPUTS A SUB CARRIER WITH THE SAME PHASE AS B-Y
V : APERTURE SIGNAL
Y : COMPOSITE VIDEO SIGNAL
Y : Y SIGNAL OUTPUT WHEN USED FOR Y/C SEPARATION OUTPUT

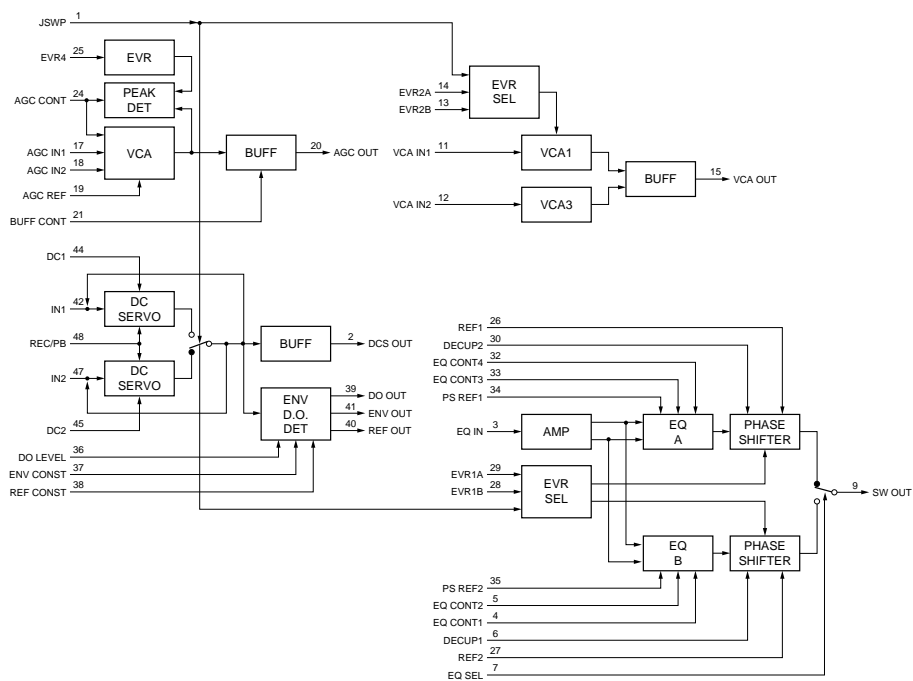
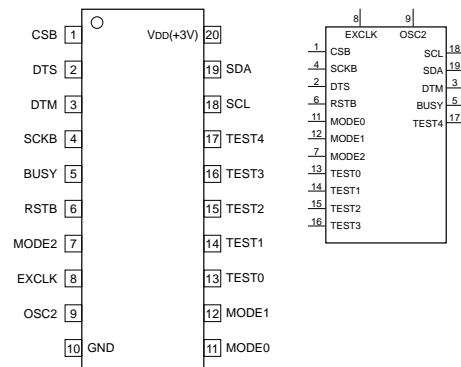


CXA1761R-T4 (SONY)

EQUALIZER FOR DIGITAL VCR
-TOP VIEW-

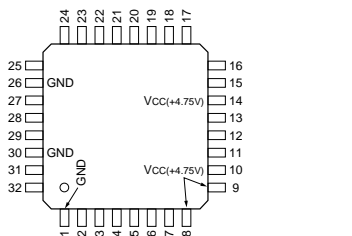
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	JSWP	25	I	EVR4
2	O	DCS OUT	26	I	REF1
3	I	EQ IN	27	I	REF2
4	I	EQ CONT1	28	I	EVR1B
5	I	EQ CONT2	29	I	EVR1A
6	I	DECUP1	30	I	DECUP2
7	I	EQ SEL	31	I	VCC2(+3.3V)
8	I	VCC1(+6.6V)	32	I	EQ CONT4
9	O	SW OUT	33	I	EQ CONT3
10	-	GND	34	I	PS REF1
11	I	VCA IN1	35	I	PS REF2
12	I	VCA IN2	36	I	DO LEVEL
13	I	EVR2B	37	I	ENV CONST
14	I	EVR2A	38	I	REF CONST
15	O	VCA OUT	39	O	DO OUT
16	-	GND	40	O	REF OUT
17	I	AGC IN1	41	O	ENV OUT
18	I	AGC IN2	42	I	IN1
19	I	AGC REF	43	I	VCC1(+6.6V)
20	O	AGC OUT	44	I	DC1
21	I	BUFF COUT	45	I	DC2
22	I	VCC1(+6.6V)	46	-	GND
23	I	VCC1(+6.6V)	47	I	IN2
24	I	AGC CONT	48	I	REC/PB

CXD8525N-E2 (SONY)

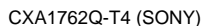
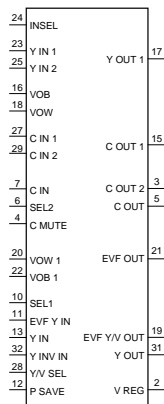
4-LINE SERIAL/IIC BUS CONVERTER
-TOP VIEW-

CXA1822Q-T4 (SONY)

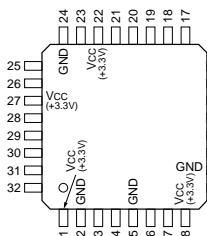
S-TERMINAL COMPATIBLE VIDEO I/O
-TOP VIEW-



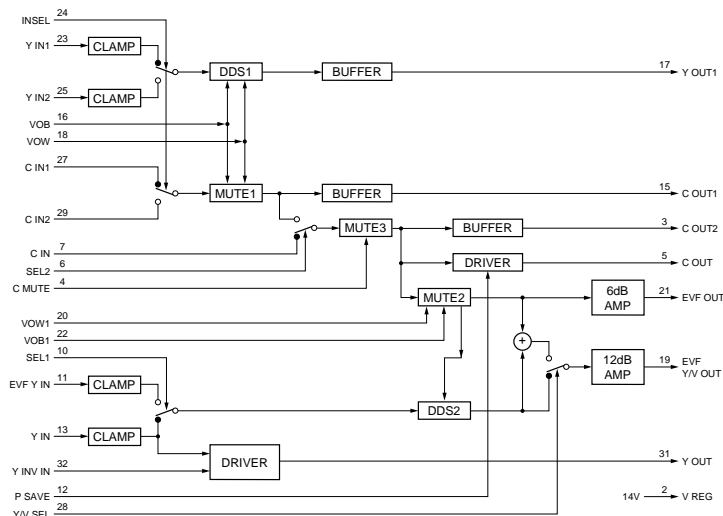
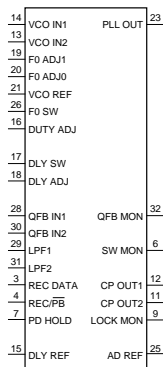
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	GND	17	O	Y OUT 1
2	O	V REG	18	I	VOW
3	O	C OUT 2	19	O	EVF YV OUT
4	I	C MUTE	20	I	VOW1
5	O	C OUT	21	O	EVF OUT
6	I	SEL2	22	I	VOB1
7	I	C IN	23	I	Y IN 1
8	—	VCC(+4.75V)	24	I	INSEL
9	—	VCC(+4.75V)	25	I	Y IN 2
10	I	SEL1	26	—	GND
11	I	EVF Y IN	27	I	C IN 1
12	I	P SAVE	28	I	Y/V SEL
13	I	Y IN	29	I	C IN 2
14	—	VCC(+4.75V)	30	—	GND
15	O	C OUT 1	31	O	Y OUT
16	I	VOB	32	I	Y INV IN



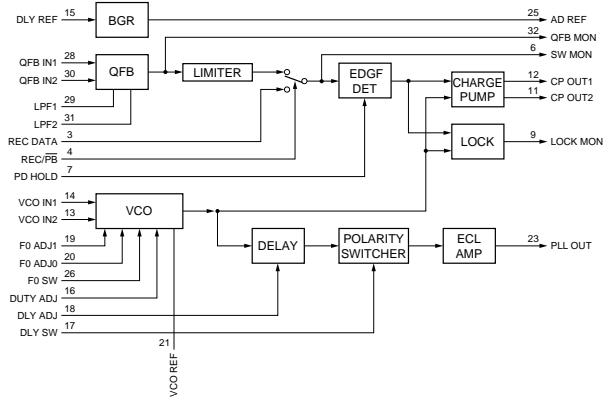
CLOCK DETECT PLL
-TOP VIEW-



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VCC(+3.3v)	17	I	DLY SW
2	—	GND	18	I	DLY ADJ
3	I	REC DATA	19	I	F0 ADJ1
4	I	REC/PB	20	I	F0 ADJ0
5	—	GND	21	—	VCO REF
6	O	SW MON	22	—	VCC(+3.3v)
7	I	PD HOLD	23	O	PLL OUT
8	—	VCC(+3.3v)	24	—	GND
9	O	LOCK MON	25	O	AD REF
10	—	GND	26	I	F0 SW
11	O	CP OUT2	27	—	VCC(+3.3v)
12	O	CP OUT1	28	I	QFB IN1
13	I	VCO IN2	29	—	LPF1
14	I	VCO IN1	30	I	QFB IN2
15	—	DLY REF	31	—	LPF2
16	I	DUTY ADJ	32	O	QFB MON



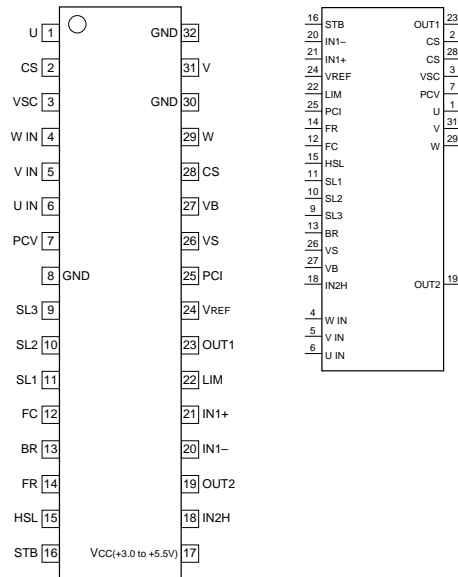
AD REF : A/D REFERENCE VOLTAGE TERMINAL
CP OUT1, 2 : DIFFERENTIAL ERROR VOLTAGE OUTPUT
DLY ADJ : PLL OUTPUT DELAY ADJUSTMENT INPUT
DLY REF : EXTERNAL REFERENCE CURRENT SOURCE TERMINAL
DLY SW : PLL OUTPUT INVERT/NOT-INVERT CONTROL INPUT
DUTY ADJ : VCO DUTY ADJUSTMENT INPUT
F0 ADJ0, 1 : VCO FREE-RUN (F0) FREQUENCY ADJUSTMENT INPUT
F0 SW : VCO FREE-RUN FREQUENCY SELECT INPUT
LOCK MON : PLL LOCK MONITOR OUTPUT
PD HOLD : PHASE DETECTOR HOLD/NORMAL SELECT INPUT
QFB IN1, 2 : PLAYBACK DATA INPUT
QFB MON : QUANTIZED FEED-BACK EQUALIZER MONITOR OUTPUT
REC DATA : RECORDING DATA INPUT
REC/PB : REC/PB SELECT INPUT (H : REC, L : PB)
SW MON : SW MONITOR OUTPUT
VCO IN1, 2 : DIFFERENTIAL ERROR VOLTAGE INPUT
VCO REF : EXTERNAL REFERENCE CURRENT SOURCE TERMINAL



CXA1793N-E2 (SONY)

DRUM MOTOR DRIVER

-TOP VIEW-

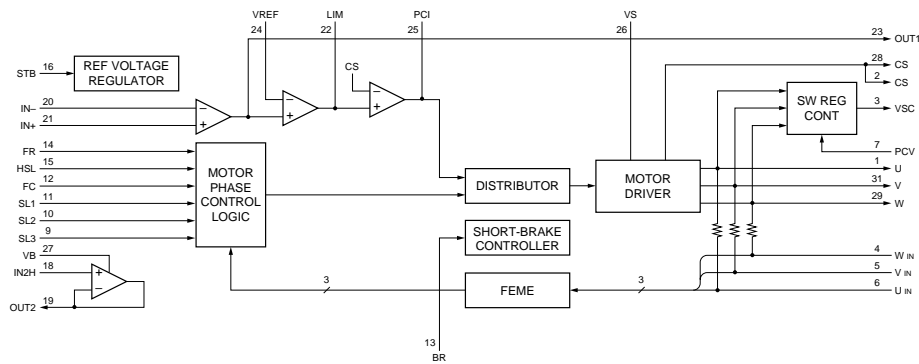


INPUT

BR ; SHORT BRAKE CONTROL (H : BRAKING)
 FC ; EXTERNAL CAPACITOR TERMINAL FOR SAW-TOOTH OSCILLATOR
 FR ; FWD/REV CONTROL (H : FWD)
 HSL ; SLOPE CURRENT SELECT
 IN1+ ; OPERATIONAL AMPLIFIER NON-INVERTING
 IN1- ; OPERATIONAL AMPLIFIER INVERTING
 IN2H ; OPERATIONAL AMPLIFIER
 LIM ; MAXIMUM OUTPUT CURRENT SELECT
 PCI ; PHASE COMPENSATION (CURRENT FEEDBACK)
 PCV ; PHASE COMPENSATION (VOLTAGE FEEDBACK)
 SL1-SL3 ; SLOPE WAVE-SHAPING
 STB ; STADBY
 U IN ; U-PHASE DETECTION
 V IN ; V-PHASE DETECTION
 VB ; UN-REGULATED POWER
 VREF ; SERVO REFERENCE VOLTAGE
 VS ; MOTOR DRIVER POWER
 W IN ; W-PHASE DETECTION

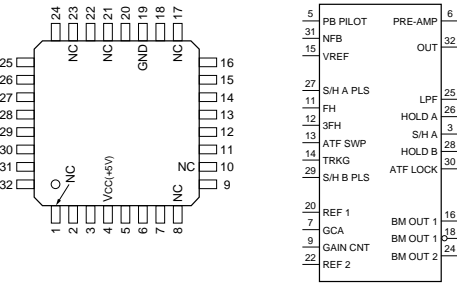
OUTPUT

CS ; DRIVING CURRENT
 OUT1, 2 ; OPERATIONAL AMPLIFIER
 U ; U-PHASE DRIVER
 V ; V-PHASE DRIVER
 VSC ; SWITCHING REGULATOR CONTROL
 W ; W-PHASE DRIVER

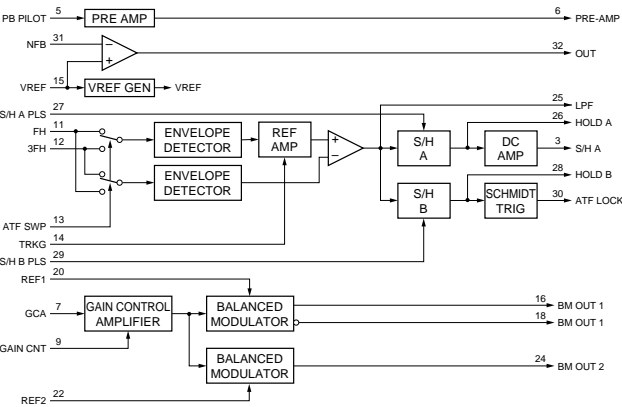


CXA8044Q-T4 (SONY)

BALANCED MODULATOR AND RF ENVELOPE DETECTOR
-TOP VIEW-

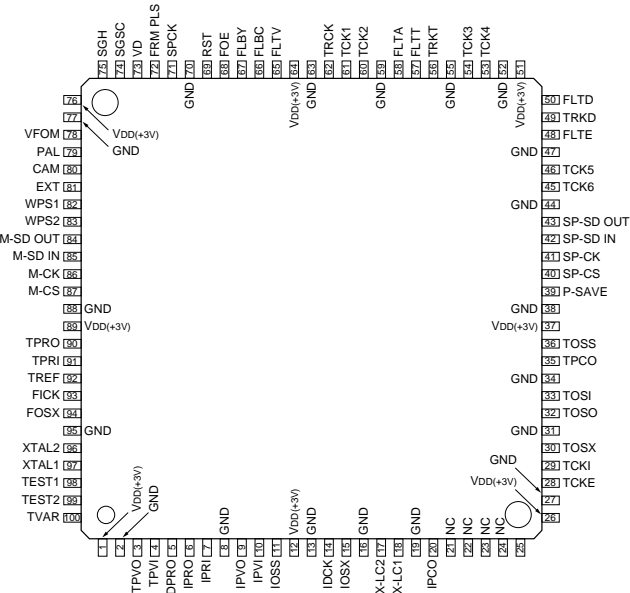


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	-	NC	17	-	NC
2	-	PB 5V	18	O	BM OUT 1
3	O	S/H A	19	-	GND
4	-	VCC(+5V)	20	I	REF1
5	I	PB PILOT	21	-	NC
6	O	PRE-AMP	22	I	REF2
7	I	GCA	23	-	NC
8	-	NC	24	O	BM OUT 2
9	I	GAIN CNT	25	-	LPF
10	-	NC	26	O	HOLD A
11	I	FH	27	I	S/H A PLS
12	I	3FH	28	O	HOLD B
13	I	ATF SWP	29	I	S/H B PLS
14	I	TRKG	30	O	AYF LOCK
15	-	VREF	31	I	NFB
16	O	BM OUT 1	32	O	OUT



CXD2191R-T6 (SONY)

C-MOS CLOCK/TIMING GENERATOR
-TOP VIEW-

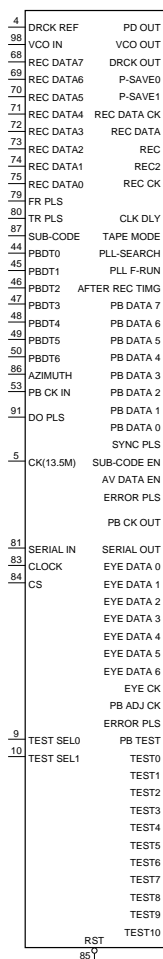
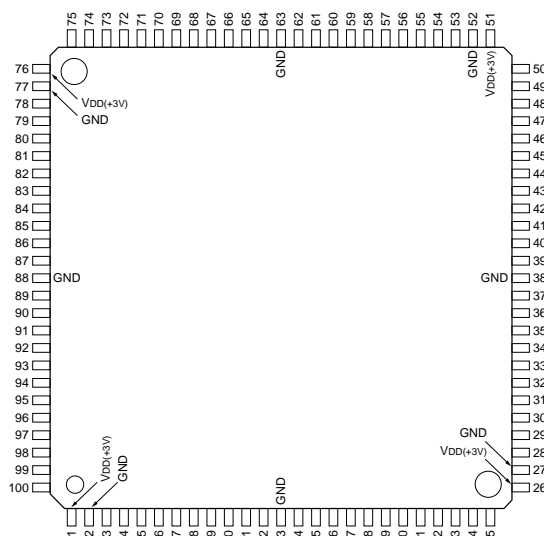


69	RST	78	VFOM	INPUT	
85	M-SD IN	79	PAL	EX-LC1	; EXTERNAL LC RESONATOR
86	M-CK	80	CAM	FICK	; 13.5MHz OSCILLATOR
87	M-CS	81	EXT	FLTE	; REFERENCE FRAME PULSE FOR THE INDI MODE
71	SPCK	82	WPS1	FOE	; REFERENCE FRAME PULSE FOR THE LINE & CAMERA MODE
72	FRM PLS	83	WPS2	FRM PLS	; FRAME PULSE FOR THE AFC
73	VD	84	WPS2	IDCK	; FRAME LOCKED 13.5MHz CLOCK
38	P-SAVE	85	FLBC	IOSS	; FRAME LOCKED 13.5MHz DIRECT OR 1/2 SELECT
40	SP-CS	86	FLBY	IPRI	; PILOT REFERENCE
41	SP-CK	87	FLTV	IPVI	; PILOT REFERENCE FEEDBACK
42	SP-SD IN	88	FLTT	M-CK	; DATA TRANSFER CLOCK
48	FLTE	89	TRKT	M-CS	; CHIP SELECT
68	FOE	90	FLTD	M-SD IN	; SERIAL DATA
62	TRCK	91	TRKD	P-SAVE	; POWER SAVE
29	TCK1	92	TCK2	RST	; RESET
28	TCKE	93	TCK3	SPCK	; HORIZONTAL LOCKED CLOCK (13.5kHz)
36	TOSI	94	TCK4	SP-CK	; DATA TRANSFER CLOCK
33	TOSX	95	TCK5	SP-CS	; CHIP SELECT
91	TPVI	96	TCK6	SP-SD IN	; SERIAL DATA
97	XTAL1	97	TCK7	TCKE	; TRCK BUFFER FOR THE TCK5 & 6
96	XTAL2	98	TCK8	TCKI	; TRCK BUFFER FOR THE TCK1 - 4
18	EX-LC1	99	TCK9	TOSI	; EXTERNAL LC RESONATOR
17	EX-LC2	100	TCK10	TOSS	; EXTERNAL LC RESONATOR DIRECT OR 1/2 SELECT
93	FICK	1	TPCO	TPRI	; EXTERNAL PLL REFERENCE FOR THE TRCK PLL
11	IOSS	2	TPVO	TPVI	; TRCK PILOT FEEDBACK
14	IDCK	3	TVAR	TRCK	; TR CLOCK
98	TEST1	4	TPRO	VD	; VERTICAL PULSE FOR THE AFC
99	TEST2	5	TPRO	XTAL1	; 13.5MHz EXTERNAL CRYSTAL OSCILLATOR
		6	TPRO		
		7	TPRO		
		8	TPRO		
		9	TPRO		
		10	TPRO		
		11	TPRO		
		12	TPRO		
		13	TPRO		
		14	TPRO		
		15	TPRO		
		16	TPRO		
		17	TPRO		
		18	TPRO		
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		93	TPRO		
		94	TPRO		
		95	TPRO		
		96	TPRO		
		97	TPRO		
		98	TPRO		
		99	TPRO		
		100	TPRO		

CXD2189AR-T6 (SONY)

C-MOS CHANNEL ENCODER/DECODER(FOR DIGITAL VCR)

-TOP VIEW-



INPUT

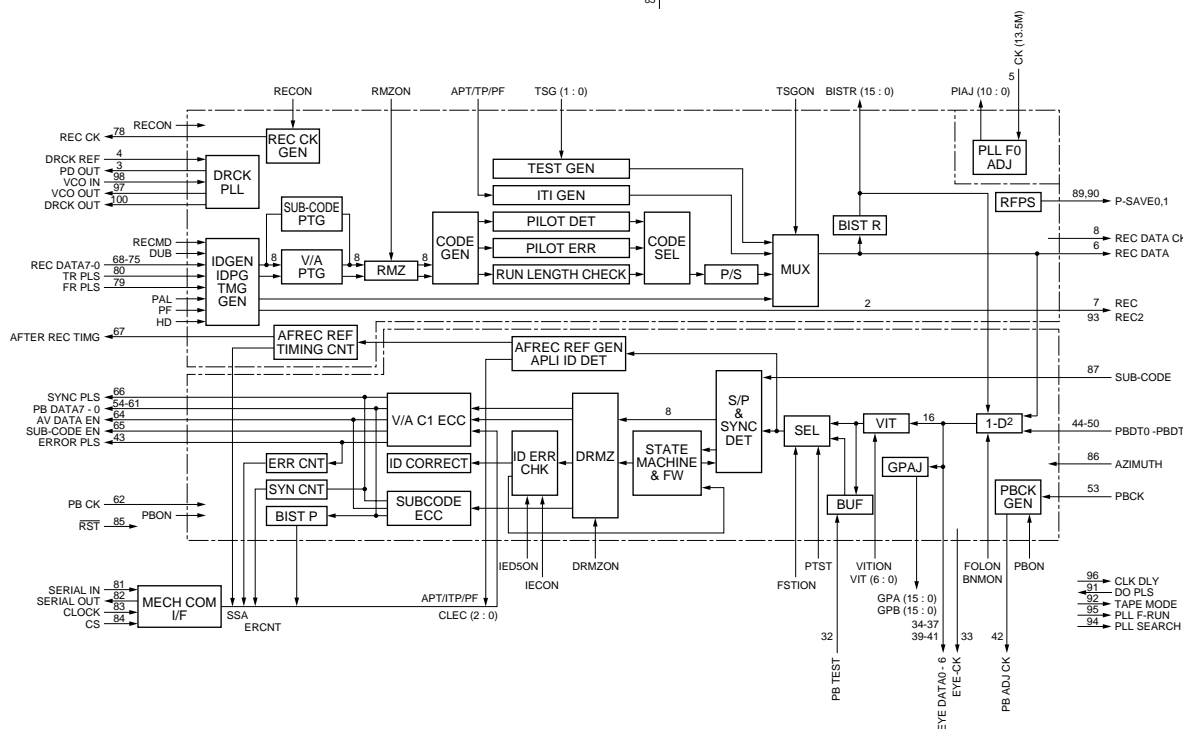
AZIMUTH	: AZIMUTH ID SIGNAL
CK (13.5M)	: 13.5MHz PLL ADJUSTING CLOCK
CLOCK	: MICROCOMPUTER CLOCK INPUT
CS	: MICROCOMPUTER CHIP SELECT
DO PLS	: DROPOUT PULSE
DRCK REF	: DRCK CLOCK REFERENCE
FR PLS	: FRAME PULSE
PBDT0 - 6	: PLAYBACK DATA
PB CK IN	: PLAYBACK CLOCK INPUT
RST	: SYSTEM RESET (L = RESET)
SERIAL IN	: MICROCOMPUTER SERIAL DATA INPUT
SUB-CODE	: SUB-CODE AREA SIGNAL
TEST SEL0, 1	: TEST SIGNAL MODE
TR PLS	: TRACK PULSE
VCO IN	: DRCK PLL OSCILLATOR INPUT

OUTPUT

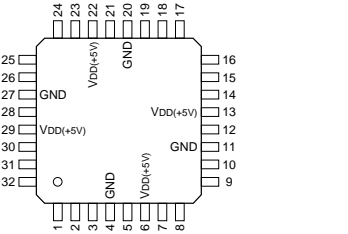
AFTER REC TIMG	: AFTER RECORDING TIMING
AV DATA EN	: AUDIO/VIDEO DATA ENABLE PERIOD (H = ENABLE)
CLK DLY	: DRCK CLOCK DELAY ROUGH ADJUSTMENT
DRCK OUT	: DRCK PLL OUTPUT
EYE CK	: EYE-PATTERN CHECK CLOCK (TEST DATA)
EYE DATA 0- 6	: EYE-PATTERN CHECK DATA (TEST DATA)
ERROR PLS	: ERROR PULSE
PB ADJ CK	: 1/25 PLAYBACK CLOCK (FOR ADJUSTMENT)
PB CK OUT	: PLAYBACK CLOCK OUTPUT
PB DATA 0 - 7	: PLAYBACK DATA
PD OUT	: DRCK PLL PHASE DETECT
PLL F-RUN	: PLL FREE-RUN MODE
PLL-SEARCH	: PLL HIGH-SPEED SEARCH MODE
P-SAVE0, 1	: POWER SAVE (P-SAVE0 = EVEN CH, P-SAVE1 = ODD CH)
REC	: RECORDING PERIOD
REC2	: RECORDING PERIOD
REC CK	: RECORDING SYSTEM CLOCK (5MHz)
REC DATA	: RECORDING DATA
REC DATA 0 - 7	: RECORDING DATA
REC DATA CK	: CLOCK (41.85MHz) FOR RECORDING DATA
SERIAL OUT	: MICROCOMPUTER SERIAL DATA OUTPUT
SUB CODE EN	: SUB-CODE ENABLE PERIOD (H = ENABLE)
SYNC PLS	: SYNC PULSE
TAPE MODE	: EQ MP TAPE MODE
VCO OUT	: DRCK PLL OSCILLATOR OUTPUT

INPUT/OUTPUT

PB TEST : TEST SIGNAL I/O FOR PLAYBACK SYSTEM



CXD2192Q-T4 (SONY)
C-MOS PLL FOR NTSC/PAL VIDEO SIGNAL
-TOP VIEW-



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	COMP	17	I	TEST2
2	O	DCO	18	O	EX1O
3	I	DCI	19	I	EX1
4	-	GND	20	-	GND
5	I	DRCT	21	I	PAL
6	-	VDD(+5V)	22	-	VDD(+5V)
7	I	NOFS	23	I	MODE C
8	I	PSEL	24	I	MODE B
9	O	EX2O	25	I	MODE A
10	I	EX2	26	O	CAR
11	-	GND	27	-	GND
12	I	HD	28	I	LIVE
13	-	VDD(+5V)	29	-	VDD(+5V)
14	I	HEDG	30	O	XTO
15	I	NGFR	31	I	XTI
16	I	TEST1	32	I	PLL

INPUT

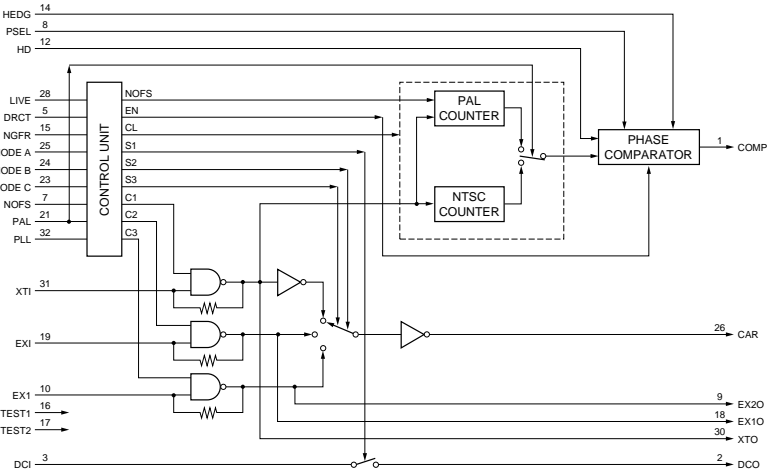
DCI : DC VOLTAGE (FOR FREERUN)
DRCT : FOR TEST (H : NORMAL)
EX1 : 1st EXTERNAL CLOCK
EX2 : 2nd EXTERNAL CLOCK
HEDG : PHASE COMPARTOR TRIGGER EDGE SELECT
(H : RISE EDGE OF HD)
(L : FALL EDGE OF HD)
HD : HD
LIVE : POWER SAVE MODE SELECT
(H : NORMAL, L : POWER SAVE)
MODE A, B : MODE CONTROL
MODE C : FOR TEST (L : NORMAL)
NGFR : FOR TEST (L : NORMAL)
NOFS : FRAME OFFSET SELECT (H : OFF, L : ON)
PAL : PAL/NTSC SELECT (H : PAL, L : NTSC)
PSEL : PHASE COMPARTOR OUTPUT POLARITY SELECT
TEST1, 2 : FOR TEST (L : NORMAL)
XTI : 4fsc OSCILLATOR

OUTPUT

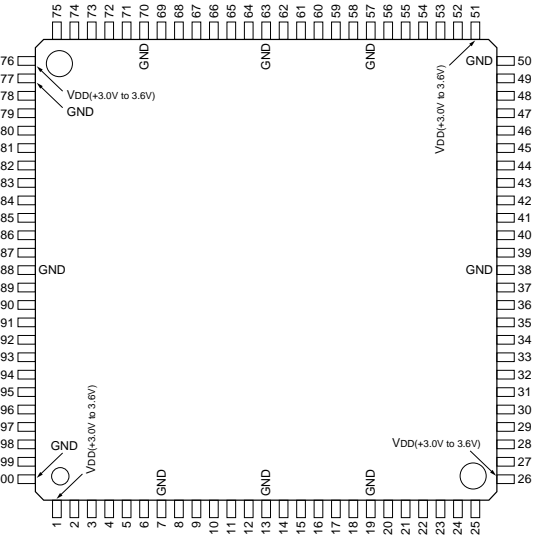
CAR : 4fsc
COMP : PHASE COMPARTOR
DCO : DC VOLTAGE OUTPUT (FOR FREERUN)
EX1O : 1st EXTERNAL CLOCK
EX2O : 2nd EXTERNAL CLOCK
XTO : 4fsc OSCILLATOR

I/O

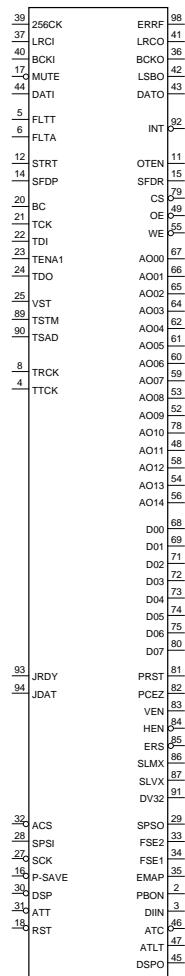
PLL : FOR TEST (L : NORMAL)



CXD2190R-T6 (SONY)
DIGITAL VCR AUDIO REC/PB SIGNAL PROCESSOR
-TOP VIEW-



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	-	VDD	35	O	EMAP	69	I/O	D01
2	O	PBON	36	O	BCKO	70	-	GND
3	O	DIIN	37	I	LRCI	71	I/O	D02
4	I	TTCK	38	-	GND	72	I/O	D03
5	I	FLTT	39	I	256CK	73	I/O	D04
6	I	FLTA	40	I	BCKI	74	I/O	D05
7	-	GND	41	O	LRCO	75	I/O	D06
8	I	TRCK	42	O	LSBO	76	-	VDD
9	I/O	TSDA	43	O	DATO	77	-	GND
10	I/O	TSCK	44	I	DATI	78	O	AO10
11	O	OTEN	45	O	DSPO	79	O	CS
12	I	STRT	46	O	ATC	80	I/O	D07
13	-	GND	47	O	ATLT	81	O	PRST
14	I	SFDP	48	O	AO11	82	O	PCEZ
15	O	SFDR	49	O	OE	83	O	VEN
16	I	P-SAVE	50	-	GND	84	O	HEN
17	I	MUTE	51	-	VDD	85	O	ERS
18	I	RST	52	O	AO09	86	O	SLMX
19	-	GND	53	O	AO08	87	O	SLVX
20	-	BC	54	O	AO13	88	-	GND
21	-	TCK	55	O	WE	89	I	TSTM
22	-	TDI	56	O	AO14	90	I	TSAD
23	-	TENA1	57	-	GND	91	O	DV32
24	-	TDO	58	O	AO12	92	O	INT
25	I	VST	59	O	AO07	93	I	JRDY
26	-	VDD	60	O	AO06	94	I	JDAT
27	I	SCK	61	O	AO05	95	O	TNOM
28	I	SPSI	62	O	AO04	96	O	TSTN
29	O	SPSO	63	-	GND	97	O	TBIS
30	I	DSP	64	O	AO03	98	O	ERRF
31	I	ATT	65	O	AO02	99	I/O	TSG
32	I	ACS	66	O	AO01	100	-	GND
33	O	FSE2	67	O	AO00			
34	O	FSE1	68	I/O	D00			

**INPUT**

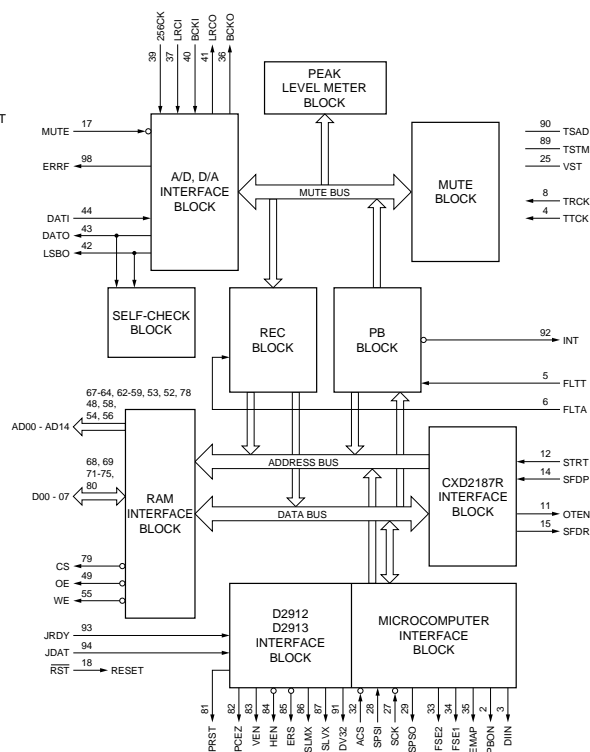
256CK	: 256fs CLOCK INPUT
ACS	: COMMUNICATION CHIP SELECT (L = ACTIVE) INPUT
ATT	: AUTO ATTENUATION INTERFACE CHIP SELECT INPUT
BCKI	: 64fs INPUT
DATI	: AUDIO DATA INPUT
DSP	: ADSP INTERFACE CHIP SELECT INPUT
FLTA	: FRAME SIGNAL FOR RECORDING INPUT
FLTT	: FRAME SIGNAL FOR TRANSMISSION AND PLAYBACK INPUT
JDAT	: EXTERNAL DEVICE INTERFACE INPUT
JRDY	: EXTERNAL DEVICE INTERFACE INPUT
LRCI	: fs CLOCK INPUT
MUTE	: DIRECT MUTE INPUT (L = MUTE)
P-SAVE	: POWER SAVE INPUT (L = POWER SAVE)
RST	: RESET INPUT (L = RESET)
SCK	: SYSTEM CLOCK INPUT
SFDP	: PLAYBACK DATA INPUT
SPSI	: COMMUNICATION DATA INPUT
STRT	: REC/PB DATA COMMUNICATION START PULSE INPUT
TRCK	: MAIN CLOCK INPUT (NTSC = 18.1259MHz, PAL = 18.144MHz)
TSAD	: FOR TEST
TSTM	: FOR TEST
TTCK	: AUTO ATTENUATION AND ADSP INTERFACE CLOCK INPUT
VST	: FOR TEST

OUTPUT

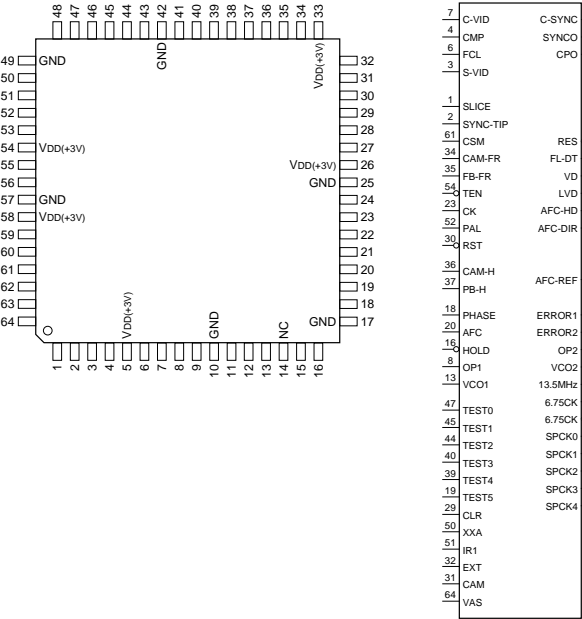
ATC	: AUTO ATTENUATION INTERFACE CLOCK OUTPUT
ATLT	: AUTO ATTENUATION INTERFACE LATCH PULSE OUTPUT
AO00 - AO14	: EXTERNAL RAM ADDRESS OUTPUT
BCKO	: 64fs OUTPUT
CS	: EXTERNAL RAM CHIP SELECT SIGNAL OUTPUT
PBON	: MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT0)
DATO	: AUDIO DATA OUTPUT
DIIN	: MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT1)
DSPO	: ADSP INTERFACE CLOCK OUTPUT
DV32	: EXTERNAL DEVICE INTERFACE OUTPUT
EMPA	: MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT3)
ERRF	: PB AUDIO DATA ERROR ID SIGNAL OUTPUT
ERS	: EXTERNAL DEVICE RESET OUTPUT
FSE1, FSE2	: MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT4, 5)
HEN	: EXTERNAL DEVICE INTERFACE OUTPUT
INT	: PHASE COMPARATOR CLOCK OUTPUT
LRCO	: fs OUTPUT
LSBO	: AUDIO DATA OUTPUT (LSB FIRST)
OE	: EXTERNAL RAM OUTPUT ENABLE SIGNAL OUTPUT
OTEN	: ENABLE OUTPUT FOR RECORDING DATA TRANSMISSION
PCEZ	: EXTERNAL DEVICE INTERFACE OUTPUT
PRST	: EXTERNAL DEVICE INTERFACE OUTPUT
SFDP	: RECORDING DATA OUTPUT
SLVX	: EXTERNAL DEVICE INTERFACE OUTPUT
SLXM	: EXTERNAL DEVICE INTERFACE OUTPUT
SPSO	: COMMUNICATION DATA OUTPUT
TBIS	: FOR TEST
TNOM	: FOR TEST
TSTN	: FOR TEST
VEN	: EXTERNAL DEVICE INTERFACE OUTPUT
WE	: EXTERNAL RAM WRITE ENABLE SIGNAL OUTPUT

INPUT/OUTPUT

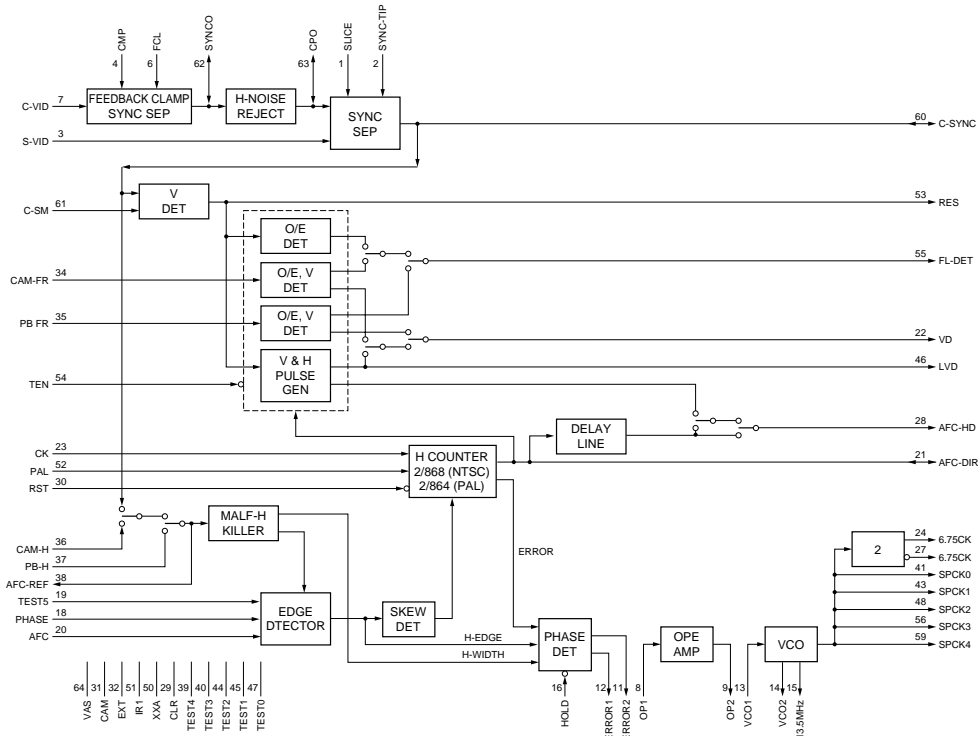
D00 - D07	: EXTERNAL RAM DATA INPUT/OUTPUT
TSCK	: FOR TEST
TSDA	: FOR TEST
TSG	: FOR TEST



CXD2193AR-ER (SONY)
C-MOS AFC FOR SYNC SIGNAL
-TOP VIEW-



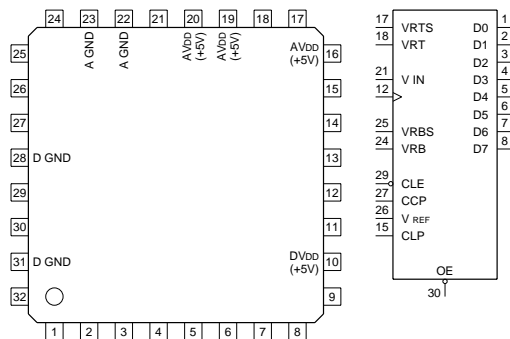
- INPUT**
- AFC : AFC LOCK PHASE ADJUSTMENT INPUT
 - CAM : CAMERA/LINE SELECT INPUT (H = CAMERA, L = LINE)
 - CAM-FR : FRAME SIGNAL IN CAMERA INPUT MODE
 - CAM-H : H SYNC INPUT IN CAMERA INPUT MODE
 - CK : MASTER CLOCK INPUT (6.75MHz)
 - CLR : DIRECT CLEAR INPUT
 - CMP : SLICE LEVEL OF THE FEEDBACK CLAMP SYSTEM
 - CSM : ABNORMAL SIGNAL COMPENSATOR ON/OFF (H = ON, L = OFF)
 - C-VID : VIDEO INPUT OF THE FEEDBACK CLAMP SYSTEM
 - EXT : EXTERNAL/INTERNAL SELECT INPUT (H = EXT, L = INT)
 - FB-FR : FRAME SIGNAL IN NORMAL PB MODE
 - FCL : SYNC-TIP LEVEL OF THE FEEDBACK CLAMP SYSTEM
 - HOLD : AFC ERROR HOLD INPUT (L = ERROR HOLD)
 - OP1 : OPERATIONAL AMPLIFIER INPUT
 - PAL : SYSTEM SELECT INPUT (H = PAL, L = NTSC)
 - PB-H : H SYNC INPUT IN NORMAL PB MODE
 - PHASE : AFC PHASE ADJUST INPUT
 - RST : AFC RESET INPUT (L = RESET)
 - S-VID : VIDEO INPUT OF THE SYNC CLAMP SYSTEM
 - SLICE : SLICE LEVEL OF THE SYNC CLAMP SYSTEM
 - SYNC-TIP : SYNC-TIP LEVEL OF THE SYNC CLAMP SYSTEM
 - TEN : V SYNC ADJUST INPUT
 - VAS : V SYNC ADJUST INPUT
 - VCO1 : VCO INPUT
- OUTPUT**
- 13.5MHz : 13.5MHz OUTPUT
 - 6.75CK : 6.75MHz OUTPUT
 - AFC-HD : HD FROM THE AFC OUTPUT
 - AFC-REF : AFC REFERENCE OUTPUT
 - C-SYNC : SEPARATED SYNC OUTPUT OF THE SYNC CLAMP SYSTEM
 - ERROR1 : AFC MAIN LOOP PHASE ERROR OUTPUT
 - ERROR2 : AFC SUB LOOP PHASE ERROR OUTPUT
 - FL-DT : ODD/EVEN DETECTED OUTPUT (H = 1st and 3rd FIELDS)
 - LVD : VERTICAL SYNC OUTPUT (FOR NO SIGNAL DETECTION)
 - OP2 : OPERATIONAL AMPLIFIER OUTPUT
 - RES : V SYNC LPF OUTPUT (FOR TEST)
 - SPCK1 - SPCK4 : 13.5MHz OUTPUT
 - SYNCO : SEPARATED SYNC OUTPUT (FOR TEST)
 - VCO2 : VCO OUTPUT
 - VD : DETECTED VERTICAL SYNC OUTPUT



CXD2302Q-T4 (SONY)

C-MOS 8-BIT 50MSPS VIDEO A/D CONVERTER

- TOP VIEW -



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	D0 (LSB)	17	I	VRTS
2	O	D1	18	I	VRT
3	O	D2	19	-	A VDD
4	O	D3	20	-	A VDD
5	O	D4	21	I	V IN
6	O	D5	22	-	A GND
7	O	D6	23	-	A GND
8	O	D7 (MSB)	24	I	VRB
9	-	TEST	25	I	VRBS
10	-	D VDD	26	I	V REF
11	-	TEST	27	I	CCP
12	I	CLK	28	-	D GND
13	-	NC	29	I	CL
14	-	NC	30	I	OE
15	I	CLP	31	-	D GND
16	-	A VDD	32	-	NC

INPUT

CCP : CLAMP CONTROL VOLTAGE FOR INTEGRATOR
 CLE : CLAMP ENABLE
 CLK : CLOCK
 CLP : CLAMP PULSE
 OE : OUTPUT ENABLE
 V IN : ANALOG
 VRB : REFERENCE VOLTAGE (BOTTOM)
 VRBS : SELF REFERENCE VOLTAGE SHORT TO AGND (+0.6 V/BOTTOM)
 VREF : VOLTAGE REFERENCE FOR CLAMP
 VRT : REFERENCE VOLTAGE (TOP)
 VRTS : SELF REFERENCE VOLTAGE SHORT TO AVDD (+2.5 V/TOP)

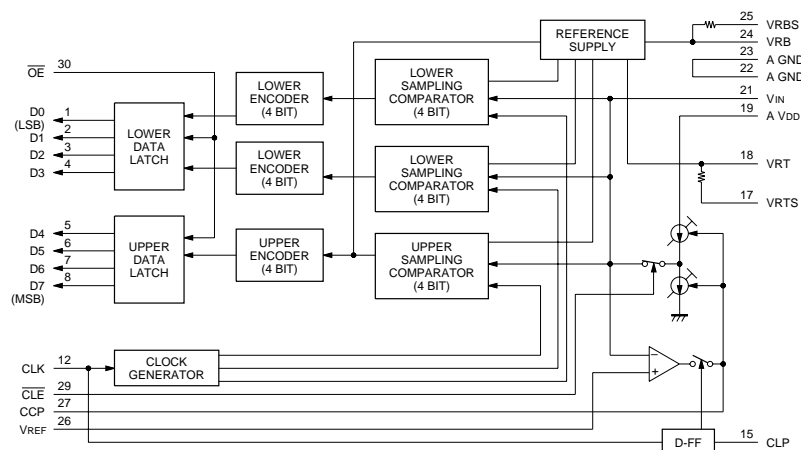
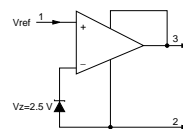
OUTPUT

D0-D7 : DATA

HA17431UA-TL (HITACHI)

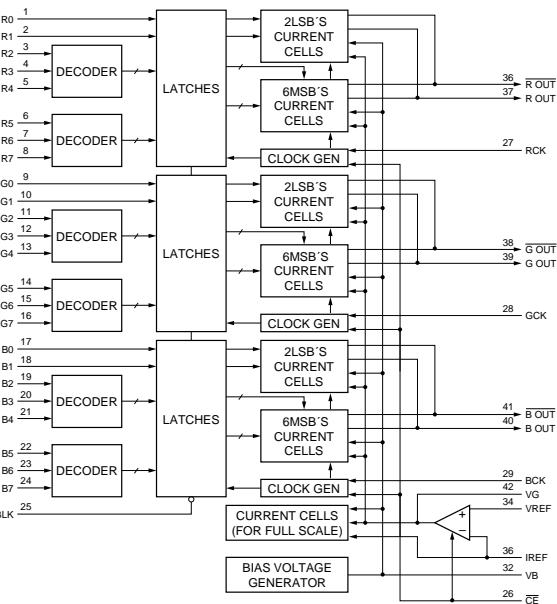
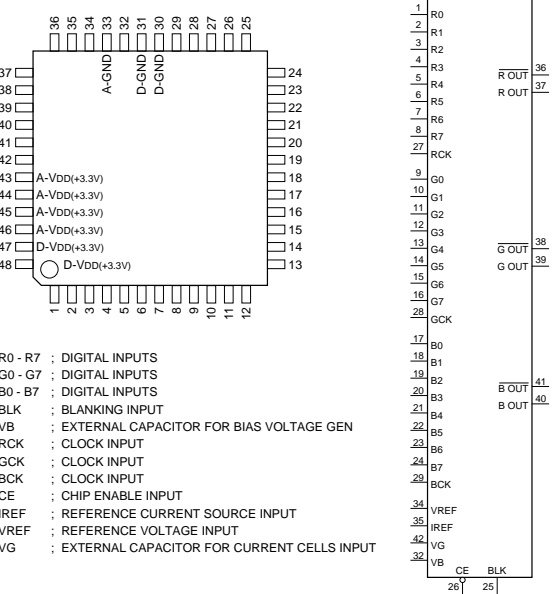
SHUNT REGULATOR

-TOP VIEW-



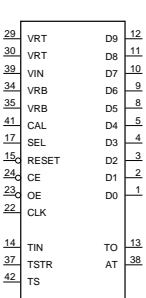
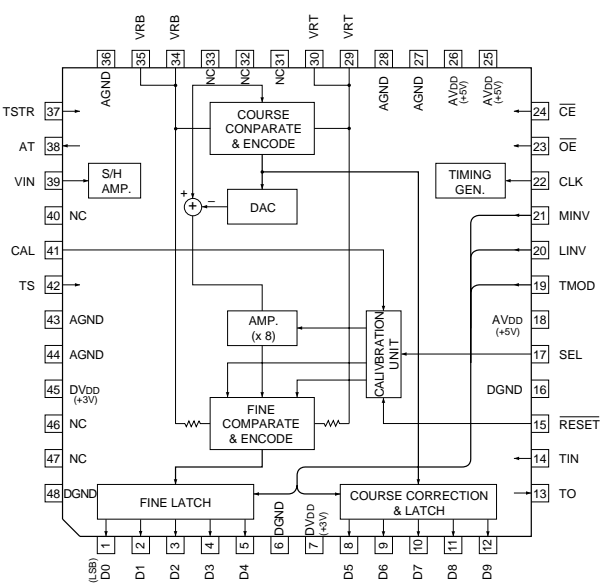
CXD2304R-T4 (SONY)

C-MOS 8-BIT RGB SIGNAL D/A CONVERTER
—TOP VIEW—



CXD2310AR-T4 (SONY)

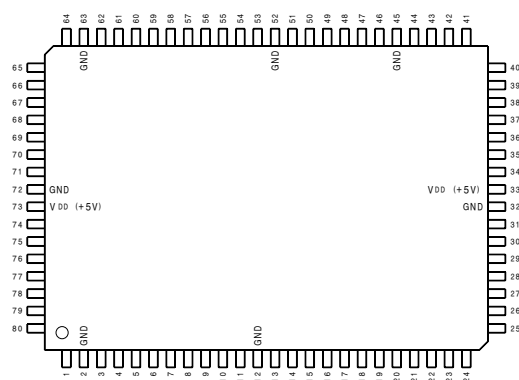
C-MOS 10-BIT 20MSPS VIDEO A/D CONVERTER
—TOP VIEW—



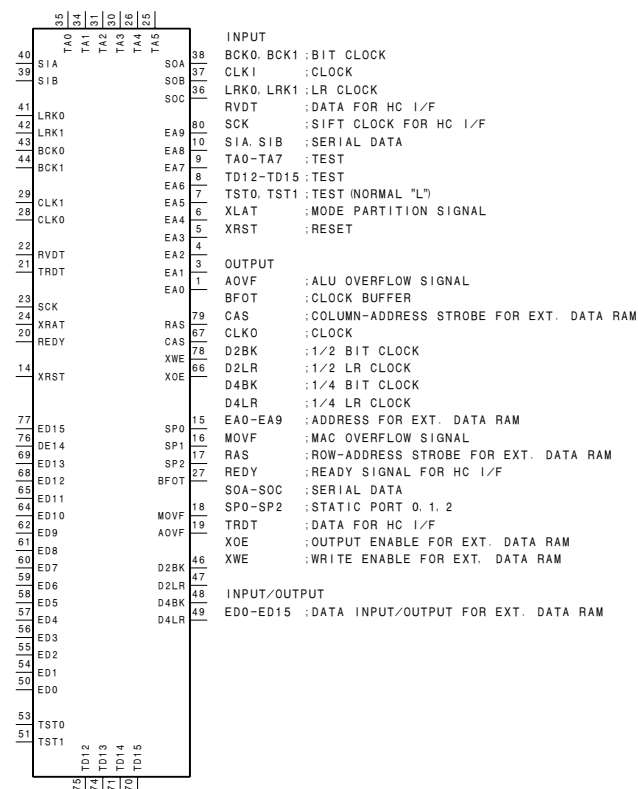
INPUT
CAL ; CALIBRATION PULSE INPUT
CE ; CHIP ENABLE
CLK ; CLOCK
LINV ; OUTPUT (D0-D8) INVERSION
MINV ; OUTPUT (D9) INVERSION
OE ; DIGITAL DATA OUTPUT ENABLE
RESET ; CALIBRATION CIRCUIT RESET
SEL ; OUTPUT DATA (D5-D9) SELECT FOR CALIBRATION (4-CLOCK)
HIGH; THROUGH OUTPUT, LOW; DATA FIXED AS WITH D0-D4
TIN ; TEST SIGNAL INPUT
TMOD ; TEST MODE
TS ; TEST SIGNAL INPUT
TSTR ; TEST SIGNAL INPUT
VRB ; REFERENCE BOTTOM VOLTAGE
VRT ; REFERENCE TOP VOLTAGE

OUTPUT
AT ; TEST SIGNAL OUTPUT
D0-D9 ; DIGITAL DATA OUTPUT
TO ; TEST PIN

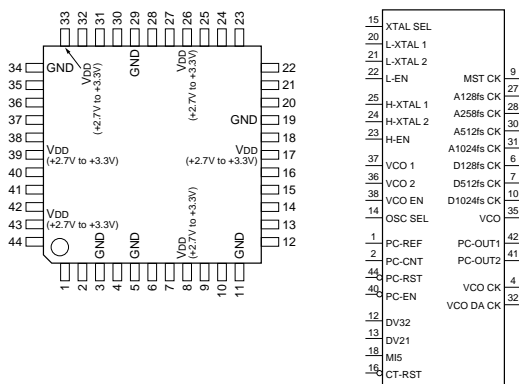
CXD2705AR-T6 (SONY) FLAT PACKAGE

C-MOS DIGITAL AUDIO SIGNAL PROCESSOR
-TOP VIEW-

PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	O	EA0	21	O	TRDT	41	I	LKR0	61	I/O	ED8
2	-	GND	22	I	RVDT	42	I	LKR1	62	I/O	ED9
3	O	EA1	23	I	SCK	43	I	BCK0	63	-	GND
4	O	EA2	24	I	XLAT	44	I	BCK1	64	I/O	ED10 (GND)
5	O	EA3	25	I	TA5	45	-	GND	65	I/O	ED11 (GND)
6	O	EA4	26	I	TA4	46	O	D2BK	66	O	XOE
7	O	EA5	27	O	BFOT	47	O	D2LR	67	O	CAS
8	O	EA6	28	O	CLK0	48	O	D4BK	68	I/O	ED12
9	O	EA7	29	I	CLK1	49	O	D4LR	69	I/O	ED13
10	O	EA8	30	I	TA3	50	I/O	ED0	70	I	TD15
11	I	TA7	31	I	TA2	51	I	TST1	71	I	TD14
12	-	GND	32	-	GND	52	-	GND	72	-	GND
13	I	TA6	33	-	VDD (+5V)	53	I	TST0	73	-	VDD (+5V)
14	I	XRST	34	I	TA1	54	I/O	ED1	74	I	TD13
15	O	SP0	35	I	TA0	55	I/O	ED2	75	I	TD12
16	O	SP1	36	O	SOC	56	I/O	ED3	76	I/O	ED14
17	O	SP2	37	O	SOB	57	I/O	ED4	77	I/O	ED15
18	O	MOVf	38	O	SOA	58	I/O	ED5	78	O	XWE
19	O	AOVf	39	O	SIB	59	I/O	ED6	79	O	RAS
20	O	REDY	40	O	SIA	60	I/O	ED7	80	O	EA9



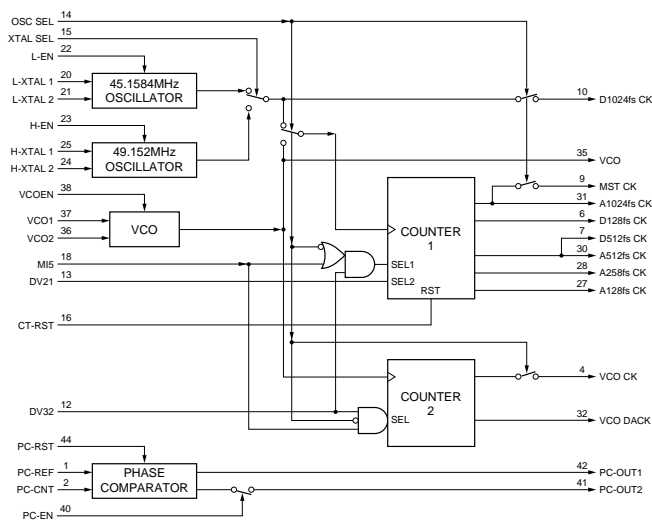
CXD2913AQ (SONY)

C-MOS AUDIO PLL OSCILLATOR
-TOP VIEW-**INPUT**

CT-RST : COUNTER RESET INPUT
 DV21 : SPEED MODE SELECT INPUT (H = x2 SPEED, L = x1 SPEED)
 DV32 : FS SELECT INPUT (H = 32kHz, L = 44.1kHz/48kHz)
 H-EN : HIGHER CRYSTAL OSCILLATOR ENABLE INPUT (H = ENABLE)
 H-XTAL 1 : 49.152MHz CRYSTAL OSCILLATOR INPUT
 L-EN : LOWER CRYSTAL OSCILLATOR ENABLE INPUT (H = ENABLE)
 L-XTAL 1 : 45.1584MHz CRYSTAL OSCILLATOR INPUT
 MI5 : COUNTER DIVIDING RATIO SELECT INPUT (H = 1/1.5, L = 1/1)
 OSC SEL : MASTER CLOCK SELECT INPUT (H = VCO, L = CRYSTAL)
 PC-CNT : PHASE COMPARATOR CONTROL INPUT
 PC-EN : PC-OUT2 ENABLE INPUT
 PC-REF : PHASE COMPARATOR REFERENCE INPUT
 PC-RST : PHASE COMPARATOR RESET INPUT
 VCO 1 : VCO INPUT
 VCO EN : VCO ENABLE INPUT (H = ENABLE)
 XTAL SEL : MASTER CLOCK SELECT INPUT (H = 48MHz, L = 45MHz)

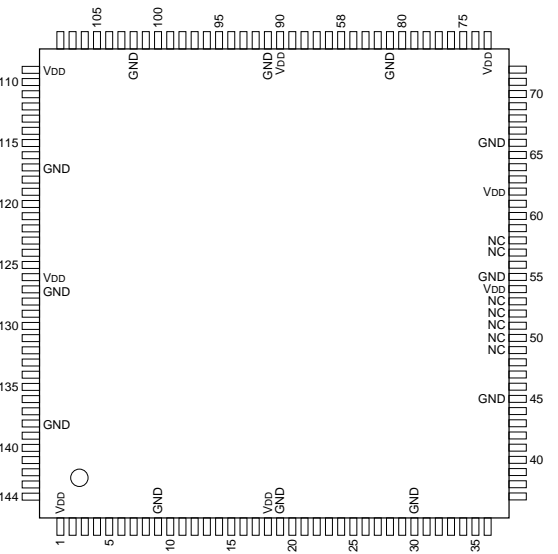
OUTPUT

A128fs CK : ANALOG SYSTEM A/D CONVERTER 128fs CLOCK
 A258fs CK : ANALOG SYSTEM A/D AND D/A CONVERTERS 258fs CLOCK
 A512fs CK : ANALOG SYSTEM D/A CONVERTER 512fs CLOCK
 A1024fs CK : ANALOG SYSTEM D/A CONVERTER 1024fs CLOCK
 D128fs CK : DIGITAL SYSTEM 128fs CLOCK
 D512fs CK : DIGITAL SYSTEM 512fs CLOCK
 D1024fs CK : DIGITAL SYSTEM 1024fs CRYSTAL OSCILLATOR CLOCK
 H-XTAL 2 : 49.152MHz CRYSTAL OSCILLATOR OUTPUT
 L-XTAL 2 : 45.1584MHz CRYSTAL OSCILLATOR OUTPUT
 MST CK : MASTER CLOCK (1024fs) OUTPUT
 PC-OUT1 : PHASE COMPARATOR OUTPUT
 PC-OUT2 : PHASE COMPARATOR OUTPUT (WITH ENABLE CONTROL)
 VCO : VCO OUTPUT
 VCO 2 : VCO OUTPUT
 VCO CK : VCO CLOCK (512fs) OUTPUT
 VCO DA CK : VCO 512fs D/A CLOCK



CXD3101R (SONY)

SIGNAL PROCESSOR
-TOP VIEW-



(VDD = +2.7 to +3.3V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	37	I	BTRST	73	—	VDD	109	—	VDD
2	O	REC	38	I	BTCK	74	I/O	BUP	110	I/O	B1D10
3	O	CINV	39	I	BTMS	75	I/O	B2D10	111	I/O	B1D11
4	I/O	JSYC	40	I	BTDI	76	I/O	B2D11	112	I/O	B1D12
5	I/O	JC0	41	O	BTDO	77	I/O	B2D12	113	I/O	B1D13
6	I/O	JC1	42	I	XCS	78	I/O	B2D13	114	I/O	B1D14
7	I/O	JC2	43	I	XSCK	79	I/O	B2D14	115	I/O	B1D15
8	I/O	JC3	44	I	SPSO	80	I/O	B2D15	116	I/O	B1D16
9	—	GND	45	—	GND	81	—	GND	117	—	GND
10	I/O	JC4	46	O	SPSI	82	I/O	B2D16	118	I/O	B1D17
11	I/O	JC5	47	I	XRST	83	I/O	B2D17	119	O	WCK1
12	I/O	JC6	48	I	XPS	84	O	WCK2	120	O	B1WS
13	I/O	JC7	49	—	NC	85	O	B2WS	121	O	B1WA0
14	I/O	JSYY	50	—	NC	86	O	B2WA0	122	O	B1WA1
15	I/O	JY0	51	—	NC	87	O	B2WA1	123	O	B1WA2
16	I/O	JY1	52	—	NC	88	O	B2WA2	124	O	B1WA3
17	I/O	JY2	53	—	NC	89	O	B2WA3	125	O	B1WFS
18	—	VDD	54	—	VDD	90	—	VDD	126	—	VDD
19	—	GND	55	—	GND	91	—	GND	127	—	GND
20	I	SPCK	56	I	TRCK	92	O	B2WFS	128	O	B1RFS
21	I/O	JY3	57	—	NC	93	O	B2RFS	129	O	B1RA3
22	I/O	JY4	58	—	NC	94	O	B2RA3	130	O	B1RA2
23	I/O	JY5	59	I	TSI2	95	O	B2RA2	131	O	B1RA1
24	I/O	JY6	60	I	TSI1	96	O	B2RA1	132	O	B1RA0
25	I/O	JY7	61	I	TSI0	97	O	B2RA0	133	O	B1RS
26	I	FLBKC	62	—	VDD	98	O	B2RS	134	O	RCK1
27	I	FLBKY	63	I	FLTV	99	O	RCK2	135	I/O	B1D07
28	I	JOOE	64	I/O	BKD7	100	I/O	B2D07	136	I/O	B1D06
29	I	JFOE	65	I/O	BKD6	101	I/O	B2D06	137	I/O	B1D05
30	—	GND	66	—	GND	102	—	GND	138	—	GND
31	I	BC1	67	I/O	BKD5	103	O	B2D05	139	I/O	B1D04
32	I	TCK	68	I/O	BKD4	104	O	B2D04	140	I/O	B1D03
33	I	TD1	69	I/O	BKD3	105	O	B2D03	141	I/O	B1D02
34	I	TENA1	70	I/O	BKD2	106	O	B2D02	142	I/O	B1D01
35	O	TD0	71	I/O	BKD1	107	O	B2D01	143	I/O	B1D00
36	I	VST	72	I/O	BKD0	108	O	B2D00	144	I	SD

INPUT
BC1 : CROSS CHECK BIT
BTCK : JTAG CK
BTD1 : JTAG DI
BTMS : JTAG MS
BTRST : JTAG RST
FLBKC : CHROMA PLAYBACK REFERENCE SIGNAL
FLBKY : Y PLAYBACK REFERENCE SIGNAL
FLTV : FIELD REFERENCE SIGNAL
JFOE : FORCED ODD/EVEN
JOOE : ORIGINAL ODD/EVEN
SD : HIGH:SD LOW:HD
SPCK : 13.5 MHz CLOCK
SPSO : SERIAL DATA
TCK : CROSS CHECK CLOCK
TD1 : CROSS CHECK DATA
TENA1 : CROSS CHECK TEST
TRCK : 18.1 MHz CLOCK
TSI0-TSI2 : TEST
VST : CROSS CHECK GROUND
XCS : CHIP SELECT
XPS : POWER SAVE
XRST : RESET
XSCK : SERIAL CLOCK

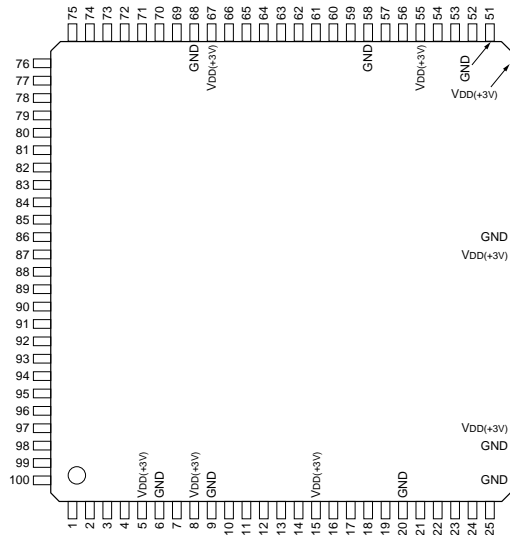
OUTPUT
BTD0 : JTAG DO
B1RA0-B1RA3/B2RA0-B2RA3 : BRAM1/BRAM2 READ ADDRESS
B1RFS/B2RFS : BRAM1/BRAM2 READ FIELD SELECT
B1RS/B2RS : BRAM1/BRAM2 READ STROBE
B1WA0-B1WA3/B2WA0-B2WA3 : BRAM1/BRAM2 WRITE ADDRESS
B1WFS/B2WFS : BRAM1/BRAM2 WRITE FIELD SELECT
B1WS/B2WS : BRAM1/BRAM2 WRITE STROBE
CINV : CHROMA LINE SEQUENTIAL
RCK1/RCK2 : BRAM1/BRAM2 READ CLOCK
REC : HIGH:REC, LOW:PB
SPSI : SERIAL DATA
TD0 : CROSS CHECK DATA
WCK1/WCK2 : BRAM1/BRAM2 WRITE CLOCK

INPUT/OUTPUT
B1D00-B1D07/B2D00-B2D07 : BRAM1/BRAM2 PORT0 DATA
B1D10-B1D17/B2D10-B2D17 : BRAM1/BRAM2 PORT1 DATA
BKD0-BKD7 : BK DATA
BUP : BUP
JC0-JC7 : CHROMA DATA
JY0-JY7 : Y DATA
JSYC : CHROMA SYNC
JSYY : Y SYNC

CXD8627R (SONY)

C-MOS VIDEO AUXILIARY DATA READ/WRITE

- TOP VIEW -



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	TST-CTL1	35	I/O	SFDT11	69	I	TST-AA0
2	I	TST-CTL2	36	I/O	SFDT10	70	I	TST-AA1
3	I	TST-CTL3	37	I/O	SFDT9	71	I	TST-AA2
4	I	TST-CTL4	38	I/O	SFDT8	72	I	TST-AA3
5	—	VDD(+3V)	39	—	VDD(+3V)	73	I	TST-AA4
6	—	GND	40	—	GND	74	I	TST-AA5
7	I	8-B COM	41	I/O	SFDT7	75	I	TST-AA6
8	—	VDD(+3V)	42	I/O	SFDT6	76	I	TST-AA7
9	—	GND	43	I/O	SFDT5	77	I	TST-AB0
10	I	RST	44	I/O	SFDT4	78	I	TST-AB1
11	I	SCK	45	I/O	SFDT3	79	I	TST-AB2
12	O	S-DATA OUT	46	I/O	SFDT2	80	I	TST-AB3
13	I	S-DATA IN	47	I/O	SFDT1	81	I	TST-AB4
14	I	CS	48	I/O	SFDT0	82	I	TST-AB5
15	—	VDD(+3V)	49	I	BUPFS	83	I	TST-AB6
16	I	THRU/NORM SEL	50	—	VDD(+3V)	84	I	TST-AB7
17	O	AUX-IOEC	51	—	GND	85	I	TST-D0
18	I	IND EN	52	I	R/P SEL	86	I	TST-D1
19	I	VI-EN	53	I	ADV0	87	I	TST-D2
20	—	GND	54	I	ADV1	88	I	TST-D3
21	I	AU-DATA	55	—	VDD(+3V)	89	I	TST-D4
22	I	AU-START	56	I	TRK-PLS	90	I	TST-D5
23	I	AU-DATA EN	57	I	FLD-PLS	91	I	TST-D6
24	O	AUX-START	58	—	GND	92	I	TST-D7
25	I	P-SAVE	59	O	PERI CNT0	93	O	TST-D00
26	—	GND	60	O	PERI CNT1	94	O	TST-D01
27	I	CK	61	O	PERI CNT2	95	O	TST-D02
28	—	GND	62	O	PERI CNT3	96	O	TST-D03
29	—	VDD(+3V)	63	O	MODE0	97	O	TST-D04
30	I	SYS SEL	64	O	MODE1	98	O	TST-D05
31	I/O	SFDT15	65	O	MODE2	99	O	TST-D06
32	I/O	SFDT14	66	O	MODE3	100	O	TST-D07
33	I/O	SFDT13	67	—	VDD(+3V)			
34	I/O	SFDT12	68	—	GND			

7	8-COM	AUX-IOEC	17	
53	ADV0	AUX-START	24	
54	ADV1	MODE0	63	
21	AU-DATA	MODE1	64	
23	AU-DATA EN	MODE2	65	
22	AU-START	MODE3	66	
49	BUPFS	PERI CNT0	59	
27	CK	PERI CNT1	60	
14	CS	PERI CNT2	61	
57	FLD-PLS	PERI CNT3	62	
18	IND EN	S-DATA OUT	12	
25	P-SAVE	TST-00	93	
52	R/P SEL	TST-01	94	
11	SCK	TST-02	95	
13	S-DATA IN	TST-03	96	
30	SYS SEL	TST-04	97	
16	THRU/NORM SEL	TST-05	98	
56	TRK-PLS	TST-06	99	
69	TST-AA0	TST-07	100	
70	TST-AA1			
71	TST-AA2	SFDT15	31	
72	TST-AA3	SFDT14	32	
73	TST-AA4	SFDT13	33	
74	TST-AA5	SFDT12	34	
75	TST-AA6	SFDT11	35	
76	TST-AA7	SFDT10	36	
77	TST-AB0	SFDT9	37	
78	TST-AB1	SFDT8	38	
79	TST-AB2	SFDT7	41	
80	TST-AB3	SFDT6	42	
81	TST-AB4	SFDT5	43	
82	TST-AB5	SFDT4	44	
83	TST-AB6	SFDT3	45	
84	TST-AB7	SFDT2	46	
1	TST-CTL1	SFDT1	47	
2	TST-CTL2	SFDT0	48	
3	TST-CTL3			
4	TST-CTL4			
85	TST-D0			
86	TST-D1			
87	TST-D2			
88	TST-D3			
89	TST-D4			
90	TST-D5			
91	TST-D6			
92	TST-D7			
19	VI-EN			

INPUT

8-B COM	: H : 8-BYTE COM, L : NORMAL
ADV0, ADV1	: OUTPUT TIMING ADVANCE CONTROL
AU-DATA	: AUDIO SERIAL DATA
AU-DATA EN	: AUDIO SERIAL DATA ENABLE
AU-START	: AUDIO START
BUPFS	: FDF DATA TIMING
CK	: MAIN CLOCK (18.1MHz)
CS	: CHIP SELECT
FLD-PLS	: FIELD REFERENCE PULSE
IND EN	: INDI AUDIO ENABLE
P-SAVE	: POWER SAVE (H : POWER SAVE)
R/P SEL	: REC/PB SEL (H : REC, L : PB)
RST	: SYSTEM RESET
SCK	: SERIAL COMMUNICATION CLOCK
S-DATA IN	: SERIAL COMMUNICATION DATA
SYS SEL	: SYSTEM SELECT (H : PAL, L : NTSC)
THRU/NORM SEL	: THROUGH/NORMAL SELECT (H : THROUGH, L : NORMAL)
TRK-PLS	: TRACK REFERENCE PULSE
TST-AA0 - TST-AA7	: FOR TEST
TST-AB - TST-AB7	: FOR TEST
TST-CTL1 - TST-CTL4	: FOR TEST
TST-D0 - TST-D7	: FOR TEST
VI-EN	: VIDEO ENABLE

OUTPUT

AUX-IOEC	: I/O ENABLE CONTROL
AUX-START	: AUXILIARY START
MODE0 - MODE3	: MODE COMMAND
PERI CNT0 - PERI CNT3	: PERIPHERAL IC CONTROL COMMAND
S-DATA OUT	: SERIAL COMMUNICATION DATA
TST-00 - TST-07	: FOR TEST

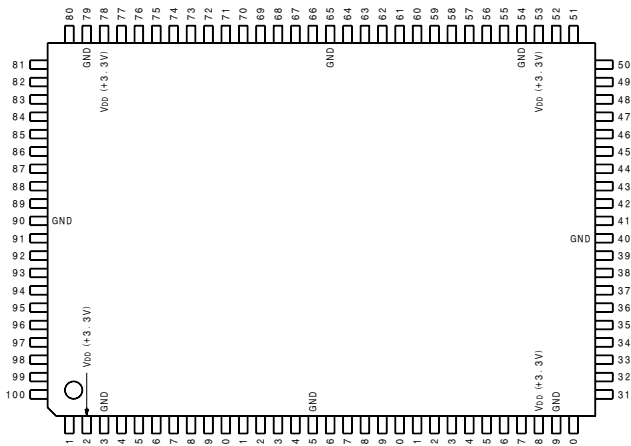
INPUT/OUTPUT

SFDT15 - SFDT0	: SYF/FDF DATA BUS
----------------	--------------------

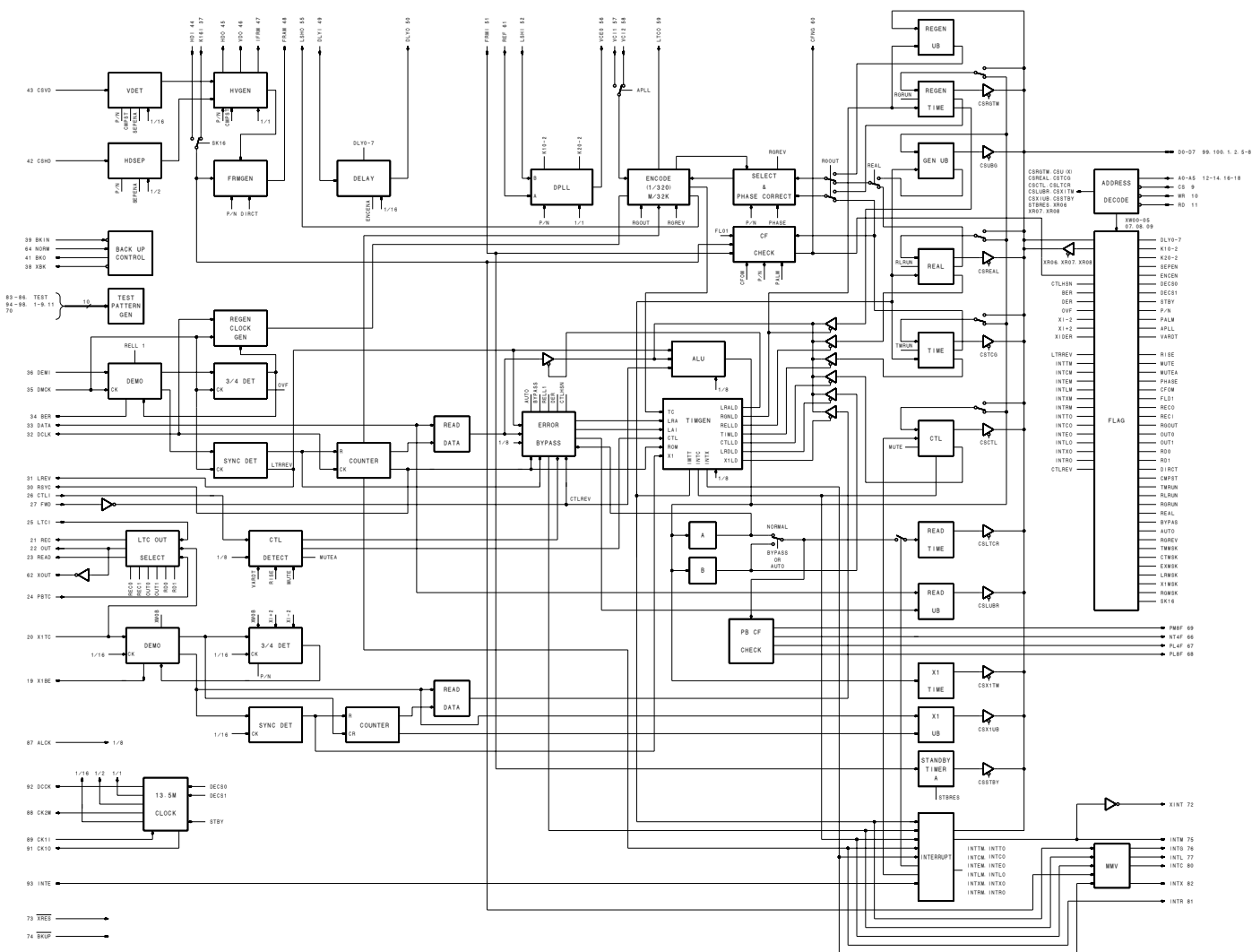
CXD8384Q (SONY)

C-MOS LTC READER/GENERATOR

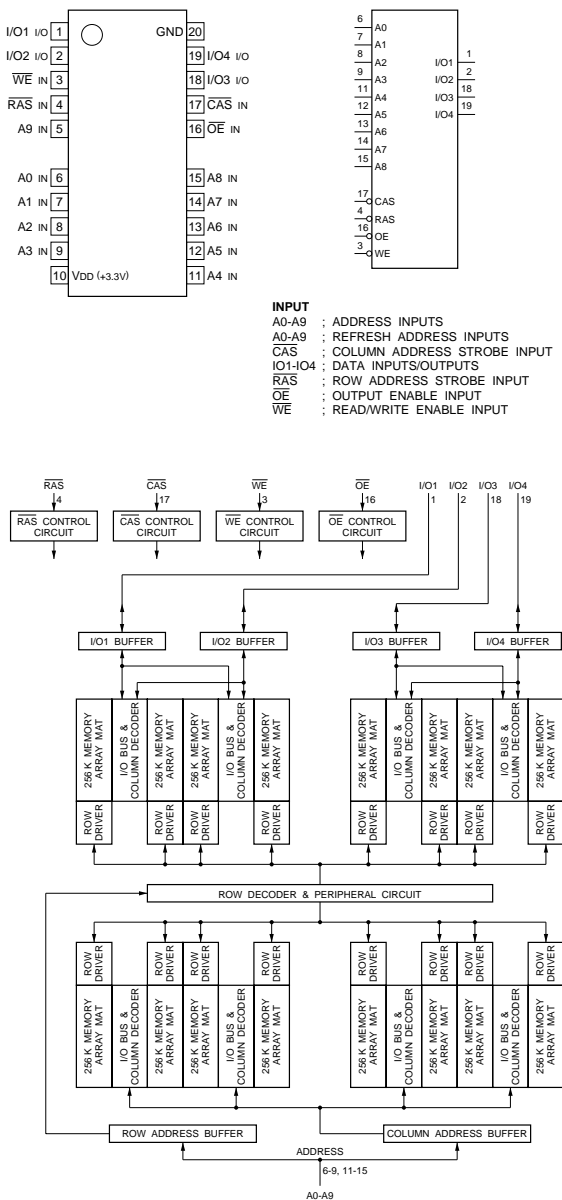
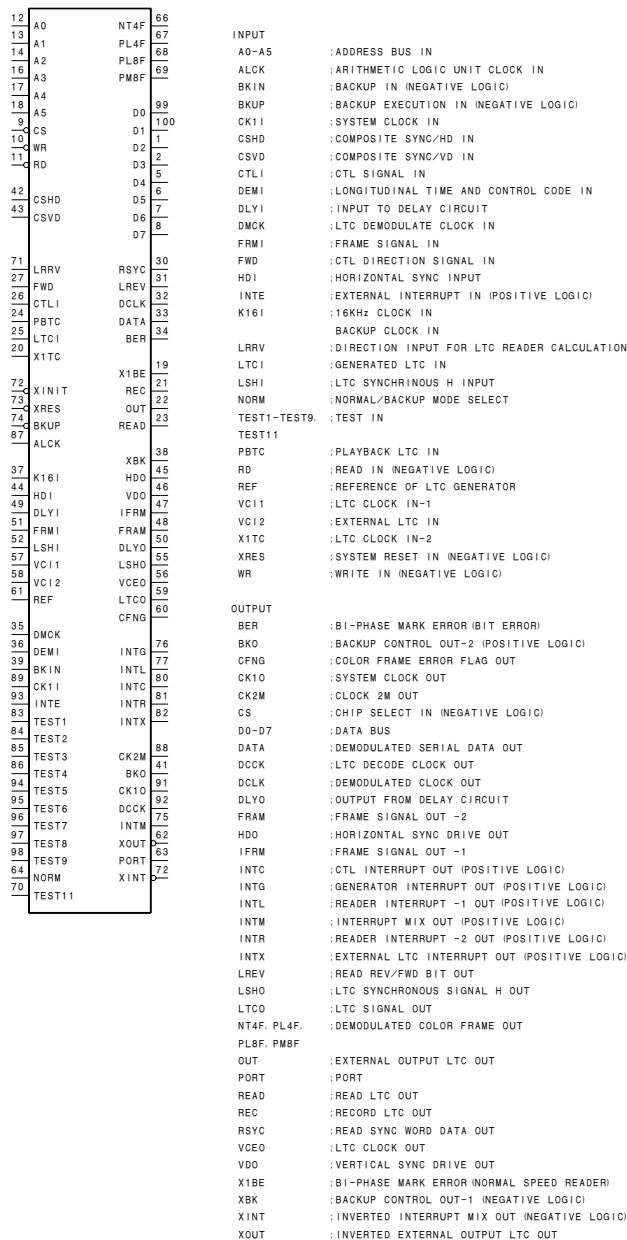
-TOP VIEW-



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	D2	26	I	CTL1	51	I	FRMI	76	O	INTG
2	I/O	D3	27	I	FWD	52	I	LSH1	77	O	INTL
3	-	VDD	28	-	VDD	53	-	VDD	78	-	VDD
4	-	GND	29	-	GND	54	-	GND	79	-	GND
5	I/O	D4	30	O	RSYC	55	O	LSHO	80	O	INTC
6	I/O	D5	31	O	LREV	56	O	VCEO	81	O	INTR
7	I/O	D6	32	O	DCLK	57	I	VC11	82	O	INTX
8	I/O	D7	33	O	DATA	58	I	VC12	83	I	TEST1
9	I	CS	34	O	BER	59	O	LTCO	84	I	TEST2
10	I	WR	35	I	DMCK	60	O	CFNG	85	I	TEST3
11	I	RD	36	I	DEMI	61	I	REF	86	I	TEST4
12	I	A0	37	I	K161	62	O	XOUT	87	I	ALCK
13	I	A1	38	O	XBK	63	O	PORT	88	O	CK2M
14	I	A2	39	I	BK1N	64	I	NORM	89	I	CK11
15	-	GND	40	-	GND	65	-	GND	90	-	GND
16	I	A3	41	O	BKO	66	O	NT4F	91	O	CK10
17	I	A4	42	I	CSHD	67	O	PL4F	92	O	DCKC
18	I	A5	43	I	CSVD	68	O	PL8F	93	I	INTE
19	O	X1BE	44	I	HD1	69	O	PM8F	94	I	TEST5
20	I	X1TC	45	O	HDO	70	I	TEST11	95	I	TEST6
21	O	REC	46	O	VDO	71	I/O	LRRV	96	I	TEST7
22	O	OUT	47	O	IFRM	72	O	XINT	97	I	TEST8
23	O	READ	48	O	FRAM	73	I	XRES	98	I	TEST9
24	I	PBTC	49	I	DLY1	74	I	BKUP	99	I/O	D0
25	I	LTC1	50	O	DLYO	75	O	INTM	100	I/O	O1



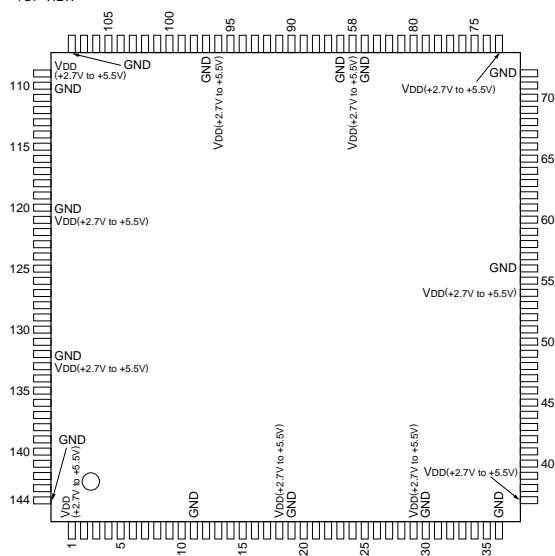
HM51W4400BLTT-7 (HITACHI)

C-MOS 1Mx4-BIT DYNAMIC RAM
-TOP VIEW-

CXD8628AR (SONY)

VIDEO SIGNAL PROCESSOR

-TOP VIEW-



REC	AY0 - AY9	AB0 - AB7	AR0 - AR7	JSYY	JSYC
1	INPUT	INPUT	INPUT	OUTPUT	OUTPUT
0	OUTPUT	OUTPUT	OUTPUT	INPUT	INPUT

DIOC	DP0 - DP9
1	OUTPUT
0	INPUT

REC	JIOC	JY0 - JY7 OUTPUT	JC0 - JC7 OUTPUT
1	1	INPUT	INPUT
1	0		
0	1		
0	0		

1 ; HIGH LEVEL
0 : LOW LEVEL

INPUT

INP1	:	C AUX DATA (8 BIT OFFSET BINARY DATA)
AXXO-AXX7	:	Y AUX DATA (8 BIT OFFSET BINARY DATA)
AXY0-AXY7	:	
ACLK	:	13.5 MHz EXTERNAL CLOCK
AHD	:	EXTERNAL REFERENCE HD
AVD	:	EXTERNAL REFERENCE VD
AOE	:	EXTERNAL REFERENCE OE
CINS	:	C AUX DATA INSERT (H : INS / L : NORMAL)
CLK27	:	27 MHz MASTER CLOCK
CLKSEL	:	13.5 MHz INTERNAL CLOK SELECT (H : CLK27 / L : ACLK)
DIOC	:	DIO BUS CONTROL (H : OUTPUT / L : INPUT)
FLBKC	:	C PLAYBACK OE
FLBKY	:	Y PLAYBACK OE
JIOC	:	JIO BUS CONTROL (H : NORMAL / L : Hi-Z)
REC	:	MODE SELECT (H : REC / L : PB)
SCK	:	COMMUNICATION CLOCK
SI	:	COMMUNICATION SERIAL DATA
TEST0,TEST1,T1	:	TEST (H : NORMAL)
XCS	:	COMMUNICATION CHIP SELECT
XRESET	:	SYSTEM RESET (H : NORMAL / L : RESET)
XTRG	:	VTR SELF CHECK
YINS	:	Y AUX DATA INSERT (H : INS / L : NORMAL)

OUTPUT

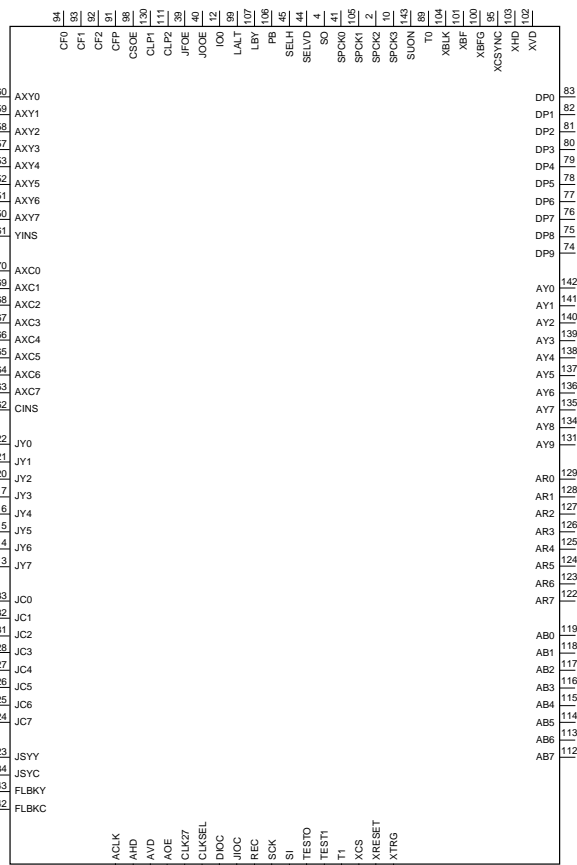
CF0-CF2	: COLOR FRAME DATA
CFP	: COLOR FRAME PILSE
CSOE	: SYNCHRONISED OE SYNC BY COMP SYNC
CLP1,CLP2	: CLAMP SIGNAL OF A/D, D/A
JFOE	: FORCED OE
JOOE	: SELECTED OE
IO0	: I/O PORT (RESERVED)
LALT	: LINE ALTERNATE
LBV	: CHROMA SELECT SIGNAL AT MIX MODE(H: R-Y / L: B-Y)
PB	: INVERT OUTPU OF REC INPUT(H: PB / L: REC)
SELH	: SELECTED HD
SELVD	: SELECTED VD
SO	: COMMUNICATION SERIAL DATA
SPCK0-SPCK2	: SELECTED 13.5 MHZ CLOCK
SUON	: H: SETUP OPERATE, L: SETUP NON PERATE
TL0	: TEST (OPEN : NORMAL)
XBLK	: COMPOSITE BLANKING
XBF	: BURST FLUG
XBFG	: XBF SEMI WIDE PULSE
XCSYNC	: COMPOSITE SYNC SIGNAL
XHD	: PLAYBACK HD
XVD	: PLAYBACK VD

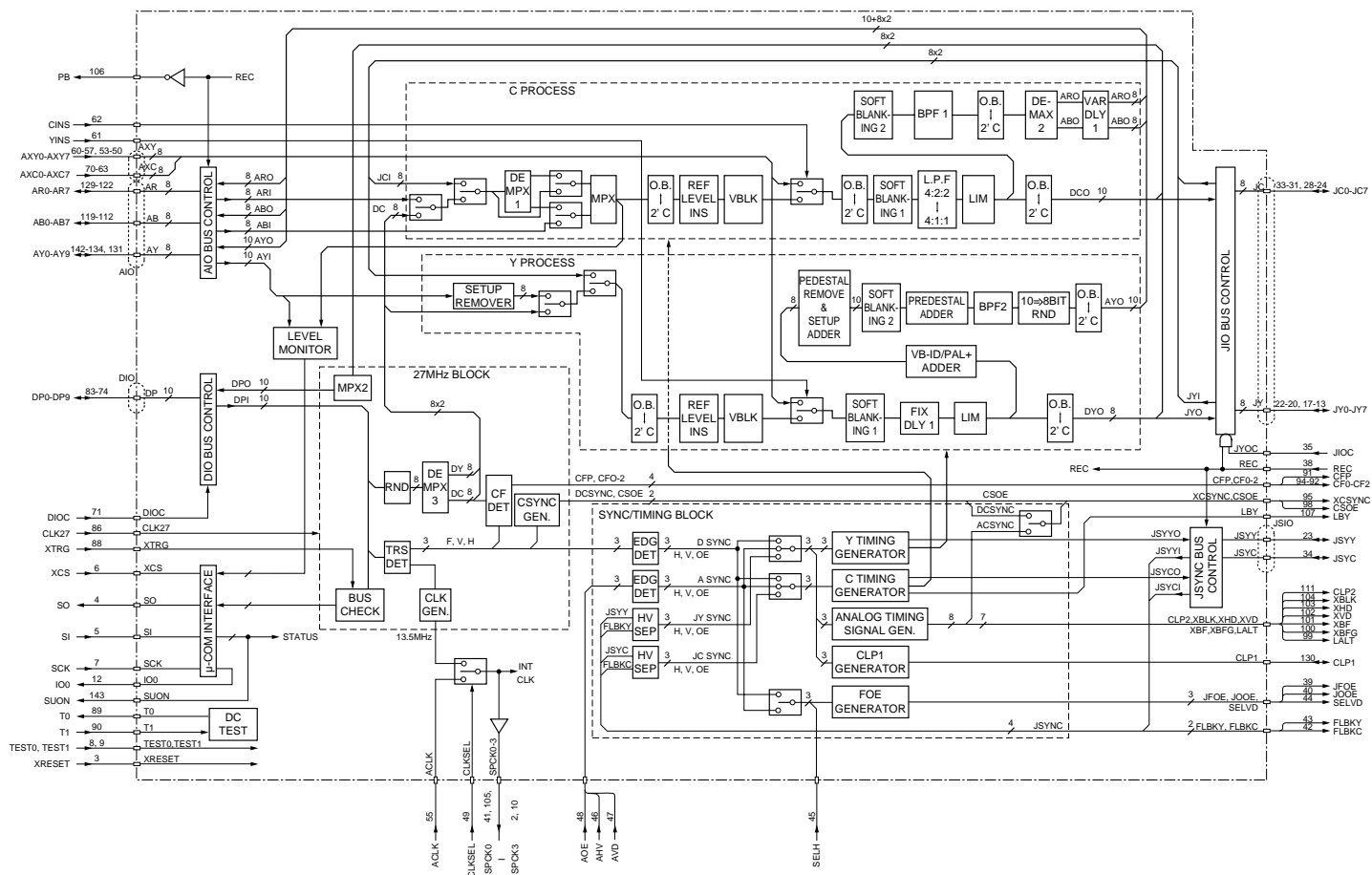
INPUT/OUTPUT

AY0-AY9	: ANALOG Y DATA
AB0-AB7	: ANALOG CHROMA DATA (SEP MODE : B-Y, MIX MODE : NOT USED)
AR0-AR7	: ANALOG CHROMA DATA (SEP MODE : R-Y, MIX MODE : MIXC)
DP0-DP9	: DIGITAL PARALLEL DATA INPUT/DISITAL MIX(BYR) OUTPUT
JCO-JC7	: C DATA FOR J-CORE
JY0-JY7	: Y DATA FOR J-CORE
JSYC	: C REFERENCE SYNC
JSYY	: Y REFERENCE SYNC

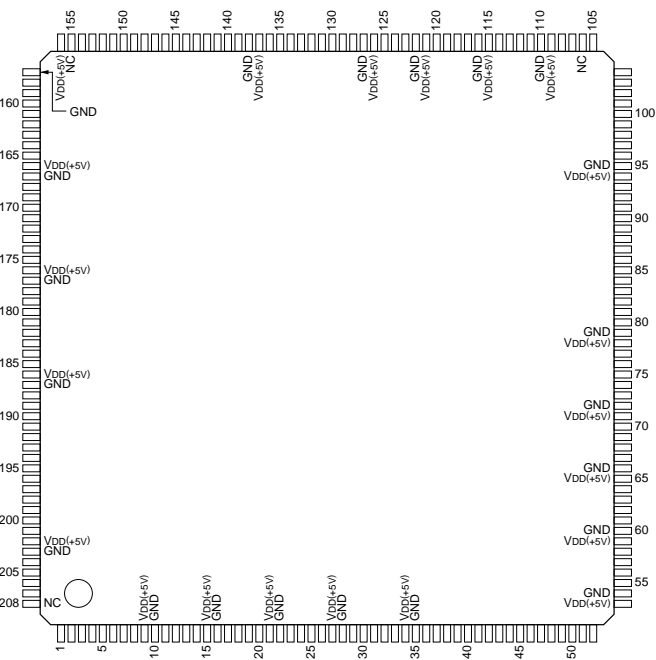
(V_{DD} = +2.7V to +5.5V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	37	—	VDD	73	—	VDD	109	—	VDD
2	O	SPCK2	38	O	REC	74	I/O	DP9	110	—	GND
3	I	XRESET	39	O	JF0E	75	I/O	DP8	111	O	CLP2
4	O	SO	40	O	JO0E	76	I/O	DP7	112	I/O	AB7
5	I	SI	41	O	SPCK0	77	I/O	DP6	113	I/O	AB6
6	I	XSC	42	I	FLBKX	78	I/O	DP5	114	I/O	AB5
7	I	SKX	43	I	FLBKX	79	I/O	DP4	115	I/O	AB4
8	I	TEST0	44	O	SELVD	80	I/O	DP3	116	I/O	AB3
9	I	TEST1	45	O	SELH	81	I/O	DP2	117	I/O	AB2
10	O	SPCK3	46	I	AHD	82	I/O	DP1	118	I/O	AB1
11	—	GND	47	I	AVD	83	I/O	DP0	119	I/O	AB0
12	O	I00	48	I	AOE	84	—	GND	120	—	GND
13	I/O	JY7	49	I	CLKSEL	85	—	VDD	121	—	VDD
14	I/O	JY6	50	I	AXY7	86	I	CLK27	122	I/O	AR7
15	I/O	JY5	51	I	AXY6	87	—	GND	123	I/O	AR6
16	I/O	JY4	52	I	AXY5	88	I	XTRG	124	I/O	AR5
17	I/O	JY3	53	I	AXY4	89	O	T0	125	I/O	AR4
18	—	VDD	54	—	VDD	90	I	T1	126	I/O	AR3
19	—	GND	55	I	ACLK	91	O	CFP	127	I/O	AR2
20	I/O	JY2	56	—	GND	92	O	CF2	128	I/O	AR1
21	I/O	JY1	57	I	AXY3	93	O	CF1	129	I/O	AR0
22	I/O	JY0	58	I	AXY2	94	O	CF0	130	O	CLP1
23	I/O	JSYY	59	I	AXY1	95	O	XCSYNC	131	I/O	AY9
24	I/O	JC7	60	I	AXY0	96	—	VDD	132	—	GND
25	I/O	JC6	61	I	YINS	97	—	GND	133	—	VDD
26	I/O	JC5	62	I	CINS	98	O	CSOE	134	I/O	AY8
27	I/O	JC4	63	I	AXC7	99	O	LALT	135	I/O	AY7
28	I/O	JC3	64	I	AXC6	100	O	XBFG	136	I/O	AY6
29	—	VDD	65	I	AXC5	101	O	XBF	137	I/O	AY5
30	—	GND	66	I	AXC4	102	O	XVD	138	I/O	AY4
31	I/O	JC2	67	I	AXC3	103	O	XHD	139	I/O	AY3
32	I/O	JC1	68	I	AXC2	104	O	XBLK	140	I/O	AY2
33	I/O	JC0	69	I	AXC1	105	O	SPCK1	141	I/O	AY1
34	I/O	JSYC	70	I	AXC0	106	O	PB	142	I/O	AY0
35	I	JIOC	71	I	DIOC	107	O	LBX	143	O	SUON
36	—	GND	72	—	GND	108	—	GND	144	—	GND

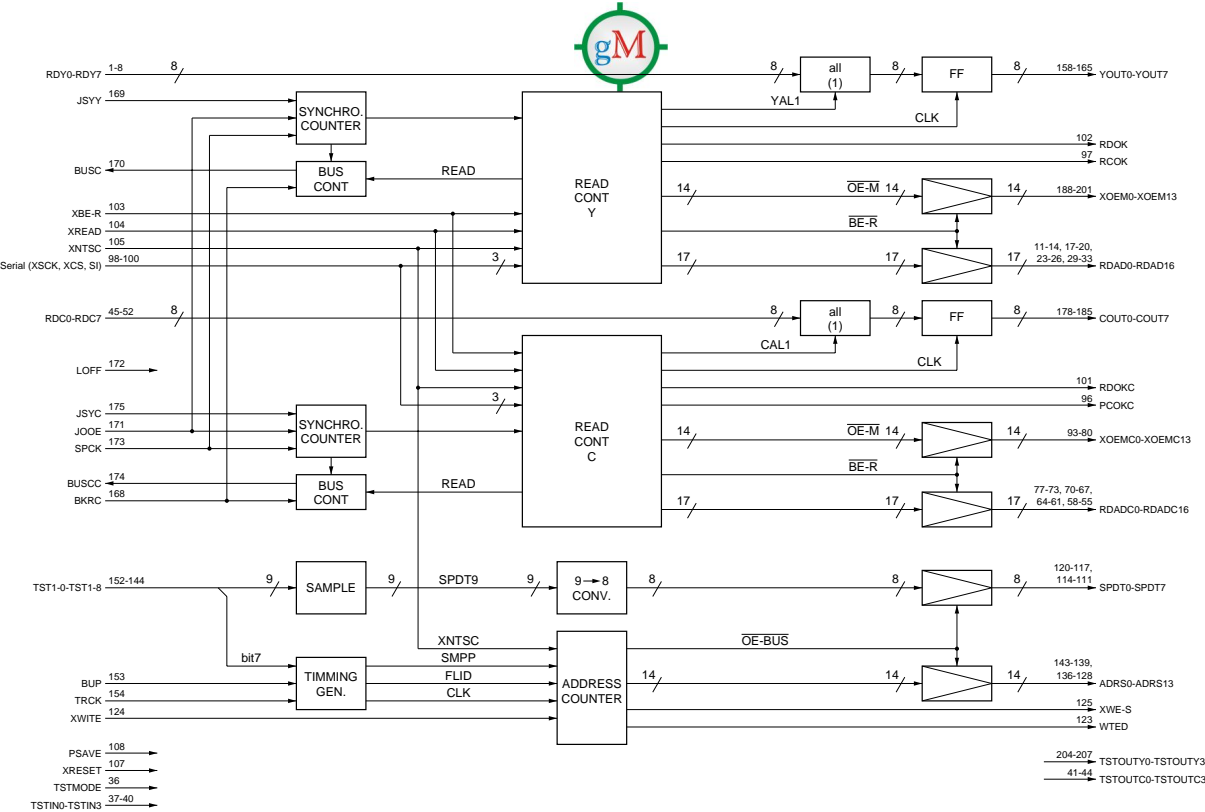




CXD8635Q (SONY)
C-MOS INDEX PICTURE
-TOP VIEW-



- INPUT**
- ADRS0-ADRS13 : READ ADDRESS from SRAM-S
 - ADRS0-ADRS13 : REFERENCE PULSE
 - BKRC : VTR REC MODE
 - JOE : ODD/EVEN DETECT PULSE
 - JSYC : C SYNCHRONOUS SIGNAL
 - JSYY : Y SYNCHRONOUS SIGNAL
 - LOFF : JOE INVERSION
 - PSAVE : POWER SAVE
 - RDC0-RDC7 : C DATA
 - RDY0-RDY7 : Y DATA
 - SI : SERIAL COMMUNICATION DATA
 - SPCK : READ CONTROL CLOCK
 - TRCK : WRITE CONTROL CLOCK
 - TSTIN0-TSTIN3 : TEST SIGNAL
 - TSTMODE : TEST MODE
 - TST1-0-TST1-8 : 9bit PARALLEL DATA
 - XBE-R : OUTPUT CONTROL for XOE-M and ADR17
 - XCS : SERIAL COMMUNICATION CHIP SELECT
 - XNTSC : NTSC/PAL MODE SELECT
 - XREAD : READ COMMAND from SRAM-M
 - XRESET : SRAM RESET
 - XSC : SERIAL COMMUNICATION CLOCK
 - XWE-S : WRITE ENABLE for SRAM-S
 - XWRITE : WRITE COMMAND to SRAM-S
- OUTPUT**
- BUSC : DATA BUS SELECT SWITCH
 - BUSCC : DATA BUS SELECT SWITCH
 - COUT0-COUT7 : C DATA
 - PCOK : Y SERIAL COMMUNICATION READ OK FLAG
 - PCOKC : C SERIAL COMMUNICATION READ OK FLAG
 - RDAD0-RDAD16 : Y READ ADDRESS for SRAM-M
 - RDADC0-RDADC16 : C READ ADDRESS for SRAM-M
 - RDOK : Y READ END FLAG from SRAM-M
 - RDOKC : C READ END FLAG from SRAM-M
 - SPDT0-SPDT7 : OUTPUT DATA from SRAM-S
 - TSTOUTC0-TSTOUTC3 : C TEST SIGNAL
 - TSTOUTY0-TSTOUTY3 : Y TEST SIGNAL
 - WTED : WRITE END FLAG to SRAM-S
 - XOEM0-XOEM13 : Y OUTPUT ENABLE for SRAM-M
 - XOEMC0-XOEMC13 : C OUTPUT ENABLE for SRAM-M
 - YOUT0-YOUT7 : Y DATA

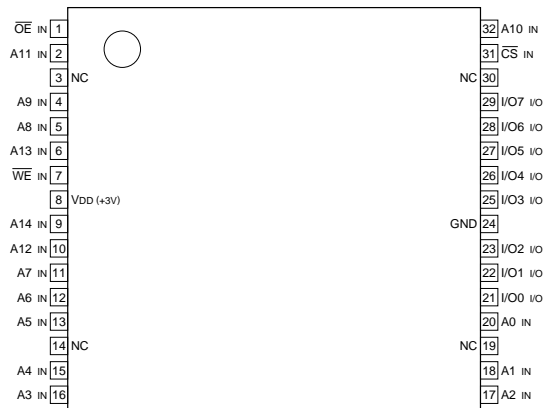


HM62V256LT8Z (HITACHI)

C-MOS SRAM
-TOP VIEW-

(VDD = +5V)

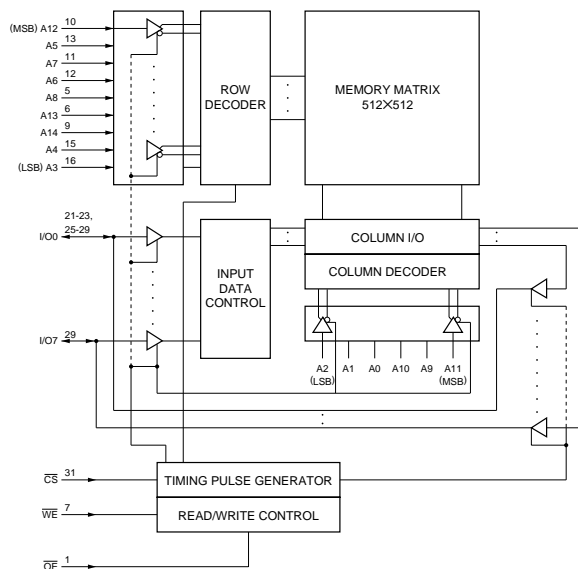
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	RDY0	43	O	TSTOUTC2	85	O	XOEMC8	127	—	GND	169	I	JSYY
2	I	RDY1	44	O	TSTOUTC3	86	O	XOEMC7	128	O	ADRS13	170	O	BUSC
3	I	RDY2	45	I	RDC0	87	O	XOEMC6	129	O	ADRS12	171	I	JOOE
4	I	RDY3	46	I	RDC1	88	O	XOEMC5	130	O	ADRS11	172	I	LOFF
5	I	RDY4	47	I	RDC2	89	O	XOEMC4	131	O	ADRS10	173	I	SPCK
6	I	RDY5	48	I	RDC3	90	O	XOEMC3	132	O	ADRS9	174	O	BUSCC
7	I	RDY6	49	I	RDC4	91	O	XOEMC2	133	O	ADRS8	175	I	JSYC
8	I	RDY7	50	I	RDC5	92	O	XOEMC1	134	O	ADRS7	176	—	VDD
9	—	VDD	51	I	RDC6	93	O	XOEMC0	135	O	ADRS6	177	—	GND
10	—	GND	52	I	RDC7	94	—	VDD	136	O	ADRS5	178	O	COUT0
11	O	RDAD0	53	—	VDD	95	—	GND	137	—	VDD	179	O	COUT1
12	O	RDAD1	54	—	GND	96	O	PCOKC	138	—	GND	180	O	COUT2
13	O	RDAD2	55	O	RDADC16	97	O	PCOK	139	O	ADRS4	181	O	COUT3
14	O	RDAD3	56	O	RDADC15	98	I	XSCK	140	O	ADRS3	182	O	COUT4
15	—	VDD	57	O	RDADC14	99	I	SI	141	O	ADRS2	183	O	COUT5
16	—	GND	58	O	RDADC13	100	I	XCS	142	O	ADRS1	184	O	COUT6
17	O	RDAD4	59	—	VDD	101	O	RDOKC	143	O	ADRS0	185	O	COUT7
18	O	RDAD5	60	—	GND	102	O	RDOK	144	I	TST1-8	186	—	VDD
19	O	RDAD6	61	O	RDADC12	103	I	XBE-R	145	I	TST1-7	187	—	GND
20	O	RDAD7	62	O	RDADC11	104	I	XREAD	146	I	TST1-6	188	O	XOEM0
21	—	VDD	63	O	RDADC10	105	I	XNTSC	147	I	TST1-5	189	O	XOEM1
22	—	GND	64	O	RDADC9	106	—	NC	148	I	TST1-4	190	O	XOEM2
23	O	RDAD8	65	—	VDD	107	I	XRESET	149	I	TST1-3	191	O	XOEM3
24	O	RDAD9	66	—	GND	108	I	PSAVE	150	I	TST1-2	192	O	XOEM4
25	O	RDAD10	67	O	RDADC8	109	—	VDD	151	I	TST1-1	193	O	XOEM5
26	O	RDAD11	68	O	RDADC7	110	—	GND	152	I	TST1-0	194	O	XOEM6
27	—	VDD	69	O	RDADC6	111	O	SPDT7	153	I	BPUP	195	O	XOEM7
28	—	GND	70	O	RDADC5	112	O	SPDT6	154	I	TRCK	196	O	XOEM8
29	O	RDAD12	71	—	VDD	113	O	SPDT5	155	—	NC	197	O	XOEM9
30	O	RDAD13	72	—	GND	114	O	SPDT4	156	—	VDD	198	O	XOEM10
31	O	RDAD14	73	O	RDADC4	115	—	VDD	157	—	GND	199	O	XOEM11
32	O	RDAD15	74	O	RDADC3	116	—	GND	158	O	YOUT0	200	O	XOEM12
33	O	RDAD16	75	O	RDADC2	117	O	SPDT3	159	O	YOUT1	201	O	XOEM13
34	—	VDD	76	O	RDADC1	118	O	SPDT2	160	O	YOUT2	202	—	VDD
35	—	GND	77	O	RDADC0	119	O	SPDT1	161	O	YOUT3	203	—	GND
36	I	TSTMODE	78	—	VDD	120	O	SPDT0	162	O	YOUT4	204	O	TSTOUTY0
37	I	TSTIN0	79	—	GND	121	—	VDD	163	O	YOUT5	205	O	TSTOUTY1
38	I	TSTIN1	80	O	XOEMC13	122	—	GND	164	O	YOUT6	206	O	TSTOUTY2
39	I	TSTIN2	81	O	XOEMC12	123	O	WTED	165	O	YOUT7	207	O	TSTOUTY3
40	I	TSTIN3	82	O	XOEMC11	124	I	XWRITE	166	—	VDD	208	—	NC
41	O	TSTOUTC0	83	O	XOEMC10	125	O	XWE-S	167	—	GND			
42	O	TSTOUTC1	84	O	XOEMC9	126	—	VDD	168	I	BKRC			



A0-A14 : ADDRESS INPUTS
 CS : CHIP SELECT INPUT
 I/O0-I/O7 : DATA INPUTS/OUTPUTS
 OE : OUTPUT ENABLE INPUT
 WE : WRITE ENABLE INPUT

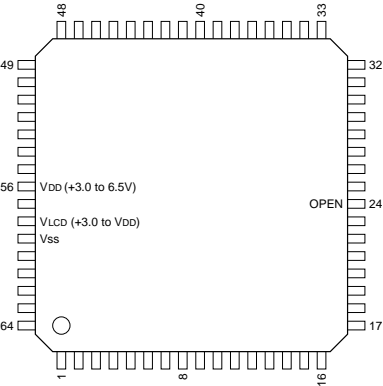
CS	OE	WE	MODE	I/O PIN
1	X	X	NO SELECTION	Hi-Z
0	1	1	OUTPUT DISABLE	Hi-Z
0	0	1	READ	Dout
0	1	0	WRITE	Din
0	0	0	WRITE	Din

0 : LOW LEVEL
 1 : HIGH LEVEL
 X : DON'T CARE
 Hi-Z: HIGH IMPEDANCE



LC75821W-DS (SANYO)

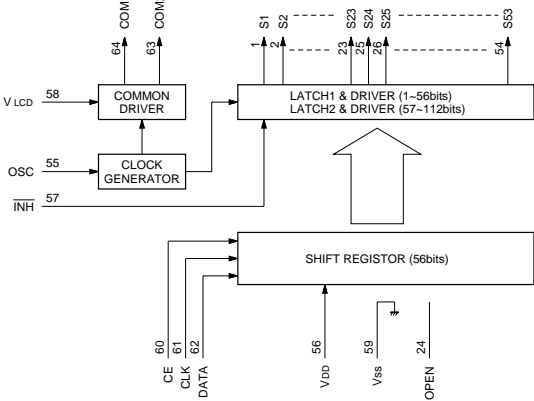
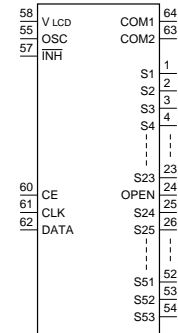
LCD DRIVER
- TOP VIEW -



INPUT
CE : CHIP ENABLE
CLK : CLOCK
DATA : SERIAL DATA
INH : DISPLAY INHIBIT
OSC : OSCILLATOR

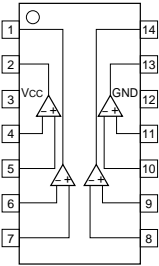
IN/OUT
S1 to S53 : SEGMENT OUTPUT

OUT
COM1, 2 : COMMON OUTPUT



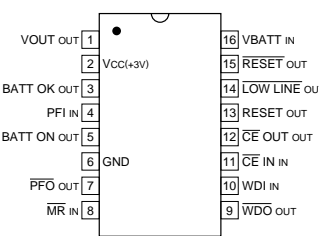
LM2901M (MOTOROLA)FLAT PACKAGE
NJM2901M-TE2

SINGLE SUPPLY COMPARATOR
-TOP VIEW-



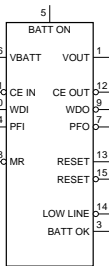
MAX793SCSE (MAXIM)

PRECISION SUPPLY-VOLTAGE MONITOR
-TOP VIEW-

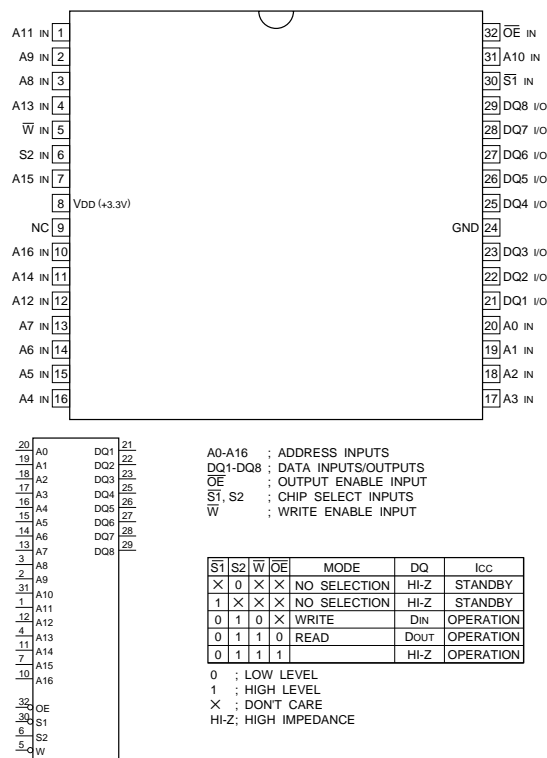


INPUT
CE IN : CHIP ENABLE
MR : MANUAL RESET
PFI : POWER FAIL COMPARTOR
VBATT : BACKUP BATTERY
WDI : WATCH DOG

OUTPUT
BATT OK : BATTERY OK MONITOR
BATT ON : BACKUP BATTERY SWITCHING
CE OUT : CHIP ENABLE
LOW LINE : LOW POWER LINE
PFO : POWER FAIL
RESET : RESET HIGHT
RESET : RESET LOW
VOUT : VOLTAGE MONITOR
WDO : WATCH DOG FAIL

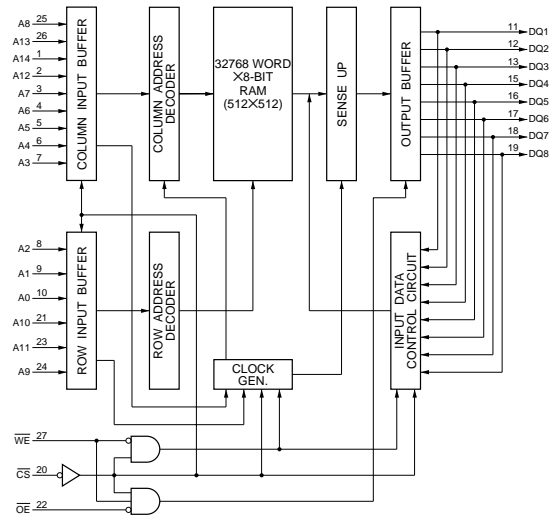
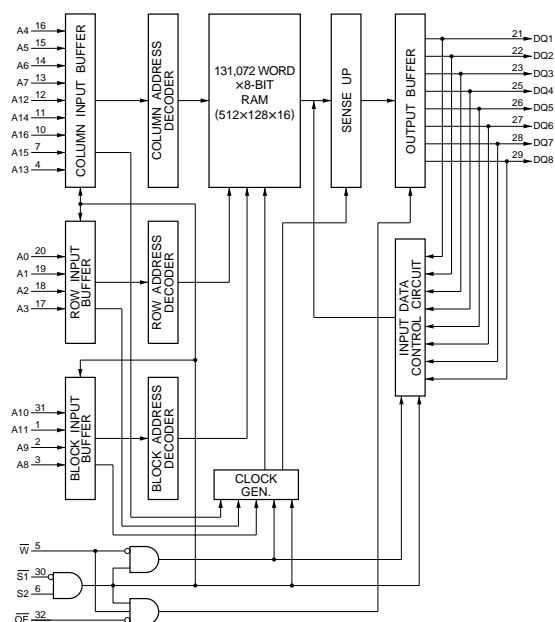
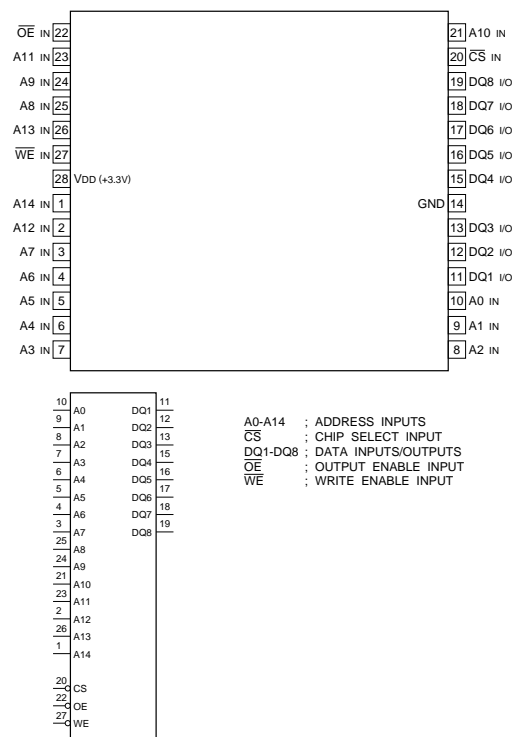


M5M51T08AVP-10VSL (MITSUBISHI)

C-MOS STATIC RAM 1M (131,072x8)-BIT
-TOP VIEW-

M5M5256CVP10VXV (MITSUBISHI)

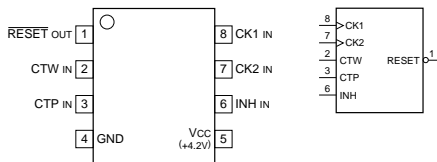
M5M5256CVP-10VXL

C-MOS 32768 WORDX8-BIT STATIC RAM
-TOP VIEW-

MB3793-30PNF (FUJITSU)FLAT PACKAGE

BIPOLA SOURCE VOLTAGE SUPERVISOR

-TOP VIEW-



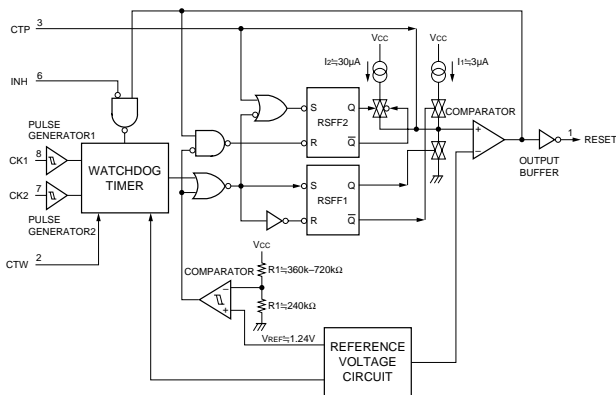
INPUT

CK1	:	CLOCK 1
CK2	:	CLOCK 2
CTP	:	POWER ON RESET HOLD TIME PRESET
CTW	:	WATCHDOG TIMER SUPERVISION TIME PRESET
INH	:	INHIBIT

```

OUTPUT
RESET    ; RESET

```

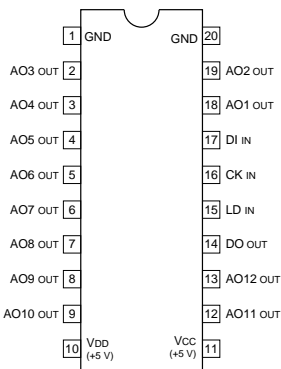


MB88346BPFV (FUJITSU)FLAT PACKAGE(SMALL)

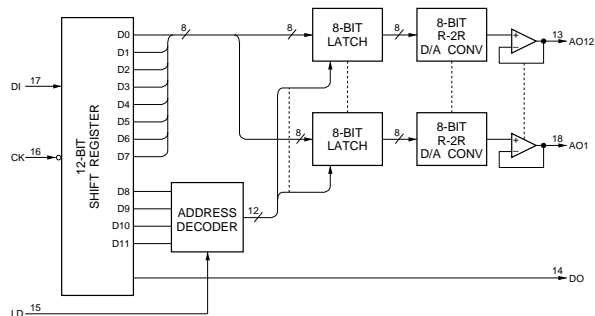
MB88346BPFV-EF

C-MOS 8-BIT D/A CONVERTER

-TOP VIEW-



AO1 - AO12 : 8-BIT D/A OUTPUTS
CK : CLOCK INPUT
DI : SERIAL DATA INPUT
DO : DATA OUTPUT
LD : DATA LOAD CONTROL INPUT (H : LOAD)

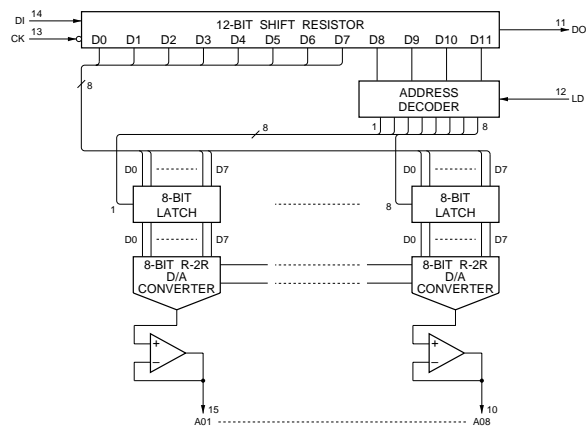
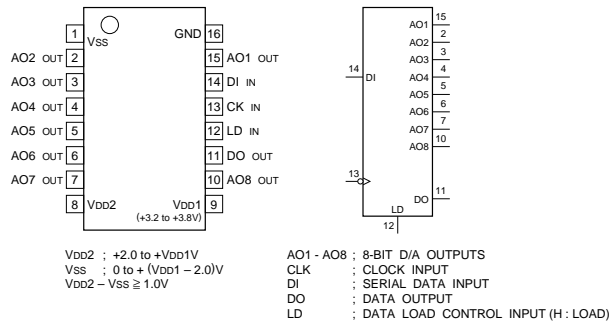


MB88347APFV-EF (FUJITSU)

MB88347PFV-G-BND-ER (FUJITSU)

C-MOS D/A CONVERTER FOR DIGITAL TUNING

-TOP VIEW-

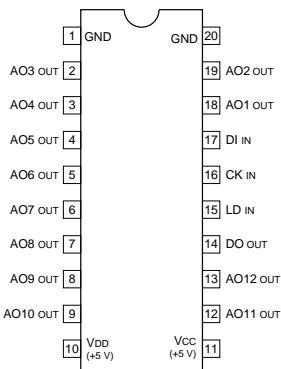


MB88346BPFV (FUJITSU)FLAT PACKAGE(SMALL)

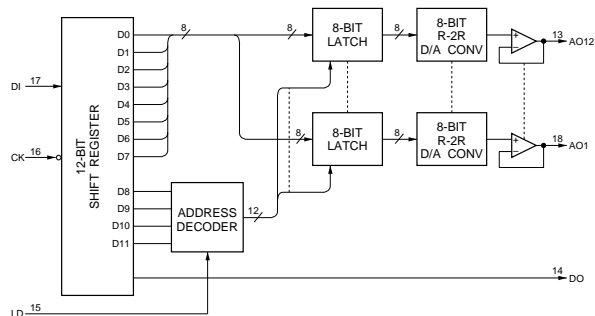
MB88346BPFV-EF

C-MOS 8-BIT D/A CONVERTER

-TOP VIEW-



AO1 - AO12 : 8-BIT D/A OUTPUTS
CK : CLOCK INPUT
DI : SERIAL DATA INPUT
DO : DATA OUTPUT
LD : DATA LOAD CONTROL INPUT (H : LOAD)

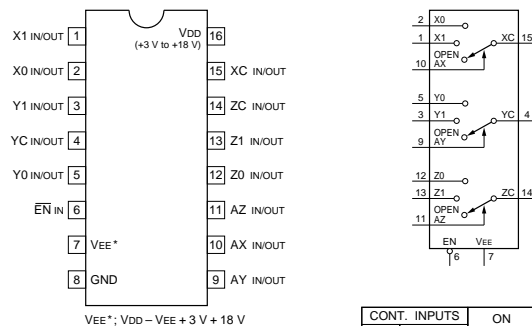


MC14053BF (MOTOROLA)FLAT PACKAGE

MC14053BFEL

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS

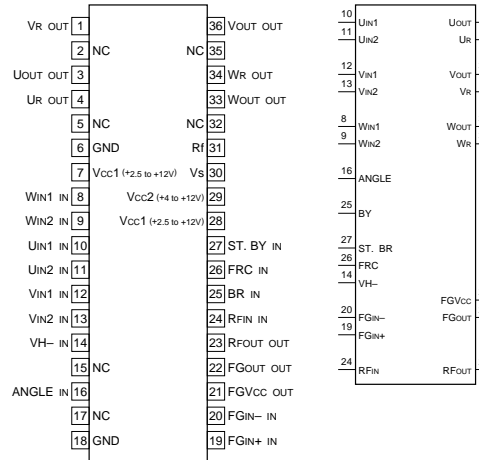
— TOP VIEW —

 $V_{EE}^*; V_{DD} - V_{EE} + 3\text{ V} + 18\text{ V}$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

CONT. INPUTS		ON CHANNE
EN	A (X, Y, Z)	
0	0	0
0	1	1
1	X	OPEN

MCD005AM-TLM (SANYO)

THREE-PHASE BRUSHLESS MOTOR DRIVER FOR 8MM VCR CAPSTAN MOTOR
-TOP VIEW-**INPUT**

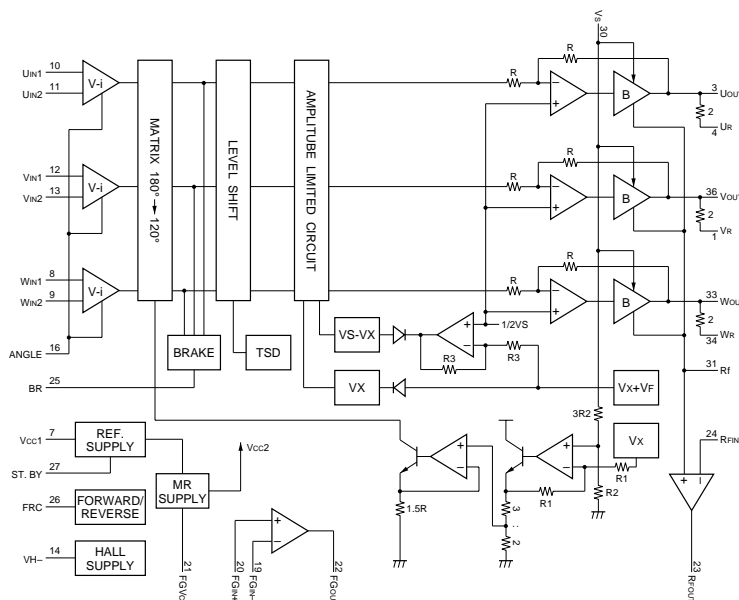
ANGLE : GAIN SLOPE
BR : BRAKE CONTROL
FGIN-, FGIN+ : FG SIGNAL
FRC : FORWARD/REVERSE CONTROL
RFIN : RF VOLTAGE DETECT AMP
ST. BY : MOTOR DRIVE MUTE
UN1, UN2 : U PHASE HALL ELEMENT
VIN1, VIN2 : V PHASE HALL ELEMENT
VH- : HALL BIAS CURRENT
WIN1, WIN2 : W PHASE HALL ELEMENT

OUTPUT

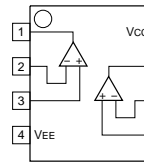
FGOUT : FG COMPARATOR
FGVCC : INTERNAL FG POWER
RFOUT : RF VOLTAGE DETECT AMP
UOUT : U PHASE
UR : U PHASE (2Ω RESISTOR)
VOUT : V PHASE
VR : V PHASE (2Ω RESISTOR)
WOUT : W PHASE
WR : W PHASE (2Ω RESISTOR)

	SOURCE	SINK	INPUT			FORWARD/REVERSE CONTROL F/R/C
			U	V	W	
1	W → V	V → W	1	1	0	0
						1
2	W → U	U → W	1	0	0	0
						1
3	V → W	W → V	0	0	1	0
						1
4	V → U	U → V	0	1	0	0
						1
5	U → V	V → U	1	0	1	0
						1
6	U → W	W → U	0	1	1	0
						1

0 : LOW LEVEL
1 : HIGH LEVEL

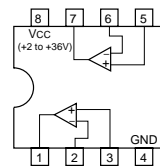
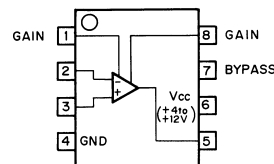


NJM062V(Te2) (JRC) FLAT PACKAGE (SMALL)
NJM4558V-TE2 (JRC) FLAT PACKAGE (SMALL)
NJM4560M (JRC) FLAT PACKAGE
NJM4580V-TE2 (JRC) FLAT PACKAGE (SMALL)
TL062CPW (TI) FLAT PACKAGE
NJM4560M-TE2
NJM4580V(Te2)
TL062CPW-ELL2000

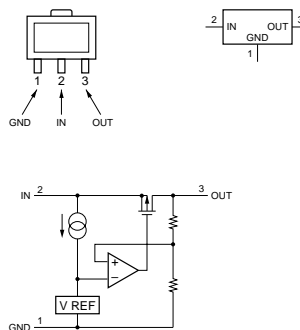
DUAL OPERATIONAL AMPLIFIERS
(DUAL-SUPPLY TYPE)
-TOP VIEW-

TYPE	Vcc	VEE
062/072/082/4556A/ M5218/BA15218/ 33178/34182 TYPES	+2 to +16V	-2 to -16V
4580 TYPE	+2 to +18V	-2 to -18V
5532 TYPE	+3 to +20V	-3 to -20V
CXA1297 TYPE	+5 to +12V	-5 to -12V
M5219/M5220 TYPES	+5 to +22.5V	-5 to -22.5V
NJM2100 TYPE	+1 to +3.5V	-1 to -3.5V
OP-297 TYPE	+2 to +20V	-2 to -20V
OTHERS	+5 to +16V	-5 to -16V

NJM2903V(Te2) (FSC)

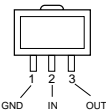
DUAL VOLTAGE COMPARATORS
-TOP VIEW-NJM386M (JRC) FLAT PACKAGE
NJM386M-T2AUDIO POWER AMPLIFIER
- TOP VIEW -

RH5RA33AA-T1 (RICOH)

C-MOS VOLTAGE REGULATOR
-TOP VIEW-

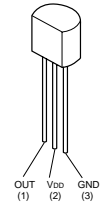
RH5RA50A (RICOH)+5.0V FLAT PACKAGE
S-81230PG-PB-T1 (SEIKO I&E) +3.0V FLAT PACKAGE
RH5RA50AA-T1

THREE TERMINAL POSITIVE VOLTAGE REGULATOR
-TOP VIEW-



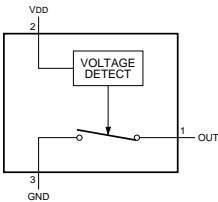
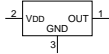
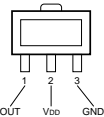
S-80741AL-A5-S (SEIKO I AND E)4.00V—4.20V
S-80741AL-A5-T1

C-MOS VOLTAGE DETECTOR



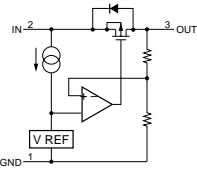
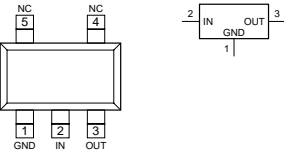
S-80745AN-D9-S (SEIKO I AND E)3.80—4.20V
S-80750AN-JE-T1

C-MOS VOLTAGE DETECTOR WITH N-CHANNEL OPEN DRAIN OUTPUT
-TOP VIEW-



S-81230SG-QB-T1 (SEIKO I&E)

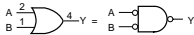
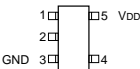
C-MOS VOLTAGE REGULATOR
-TOP VIEW-



SC7S32F (MOTOROLA)CHIP PACKAGE
TC7S32F (TE85R)

C-MOS 2-INPUT OR GATE

-TOP VIEW-



$Y = A + B = \overline{\overline{A} \cdot \overline{B}}$

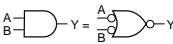
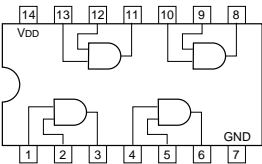
A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL

TYPE	VDD
7S32F	+2 to +6V
7S32FU	+2 to +6V
4S71F	+3 to +18V
7SH32FU	+2 to +5.5V

SN74HCT08APW-E20 (TI)FLAT PACKAGE
TC74VHC08FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)
SN74HCT08APW-E05

C-MOS QUAD 2-INPUT AND GATE
- TOP VIEW -



$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$

A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL

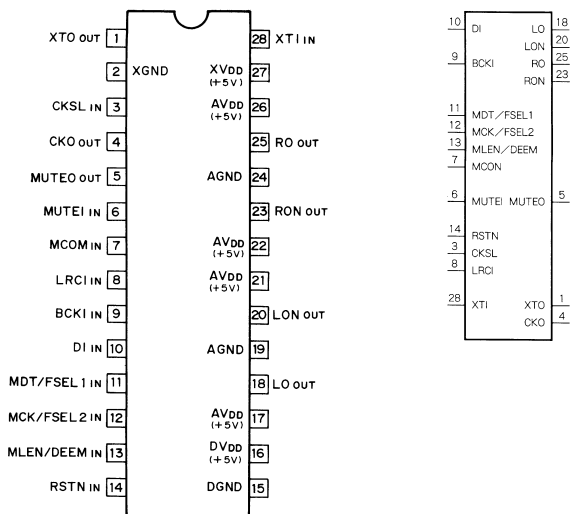
NOTE :

TYPE	VDD
AC	+2 to +5.5V
TC40H	+2 to +8V
ACT/HCT	+5V
OTHER TYPES	+2 to +6V

SM5872AS-ET (NPC)FLAT PACKAGE

C-MOS 2-CHANNEL D/A CONVERTER FOR DIGITAL AUDIO

- TOP VIEW -



AVDD, AGND : ANALOG
DVDD, DGND : DIGITAL
XVDD, XGND : FOR CRYSTAL OSCILLATOR

INPUT

BCKI : BIT CLOCK
CKSL : SYSTEM CLOCK SELECT (L : 256fs/H : 512fs)
DI : DATA
LRCI : SAMPLE RATE (fs) CLOCK (L : R-CH/H : L-CH)
MCK/FSEL2 : MCOM = H : MICROCOMPUTER INTERFACE CLOCK
MCOM = L : FILTER SELECT * 2
MCON : INTERFACE SELECT CONTROL * 1
MDT/FSEL1 : MCOM = H : MICROCOMPUTER INTERFACE DATA
MCOM = L : FILTER SELECT * 2
MLEN/DEEM : MCOM = H : MICROCOMPUTER INTERFACE LATCH ENABLE
MCOM = L : DEEMPHASIS CONTROL
MUTEI : DF OUTPUT SOFT MUTE (L : OFF/H : ON)
RSTN : SYSTEM RESET
XTI : OSCILLATOR

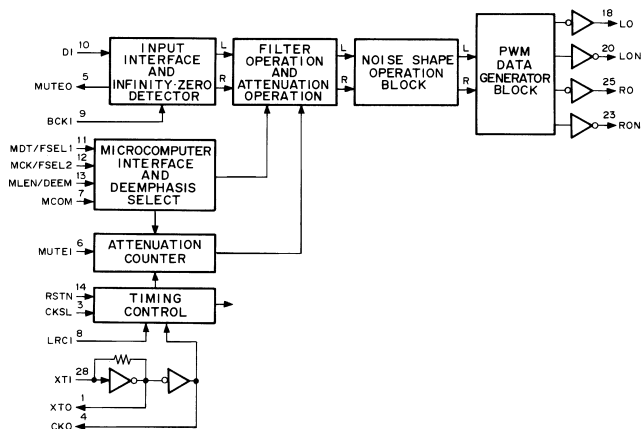
* 1		* 2	
MCOM	MODE	MCOM	FSEL1 FSEL2
0	FSEL1, FSEL2, DEEM	0	0 (44.1kHz) 1 (48.0kHz)
1	MDT, MCK, MLEN	0	1 (44.1kHz) 1 (32.0kHz)

0 : LOW LEVEL
1 : HIGH LEVEL

0 : LOW LEVEL
1 : HIGH LEVEL

OUTPUT

CKO : CLOCK
LO : L-CH PWM (PULSE WIDTH MODULATION) (+)
LON : L-CH PWM (PULSE WIDTH MODULATION) (-)
MUTE0 : INFINITY ZERO DETECT
RO : R-CH PWM (PULSE WIDTH MODULATION) (+)
RON : R-CH PWM (PULSE WIDTH MODULATION) (-)
XTO : OSCILLATOR

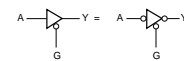
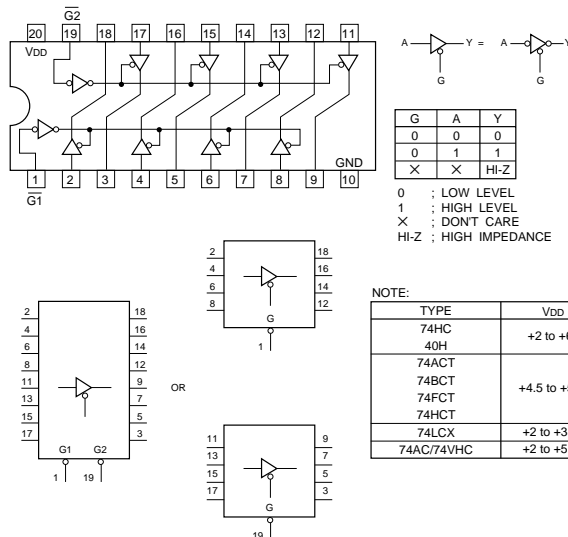


SN74HCT244ANS (TI)FLAT PACKAGE

SN74HCT244ANS-E05

C-MOS BUS BUFFER WITH 3-STATE OUTPUTS

-TOP VIEW-



G	A	Y
0	0	0
0	1	1
X	X	HI-Z

0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE
HI-Z : HIGH IMPEDANCE

NOTE:

TYPE	VDD
74HC 40H	+2 to +6V
74ACT 74BCT 74FCT 74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
74AC/74VHC	+2 to +5.5V

SN74HCT541APW-E05 (TI)FLAT PACKAGE

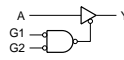
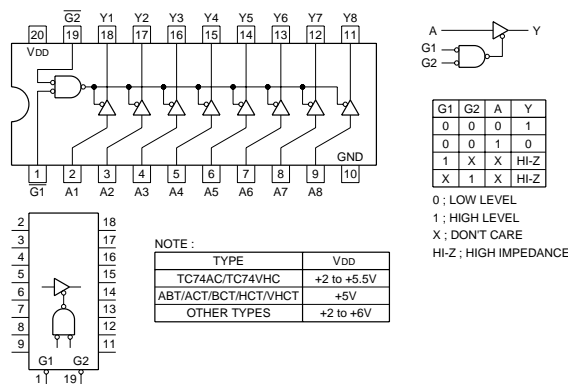
TC74ACT541FS (TOSHIBA)

TC74VHC541FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

TC74ACT541FS-EL

C-MOS BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS

- TOP VIEW -



G1	G2	A	Y
0	0	0	1
0	0	1	0
1	X	X	HI-Z
X	1	X	HI-Z

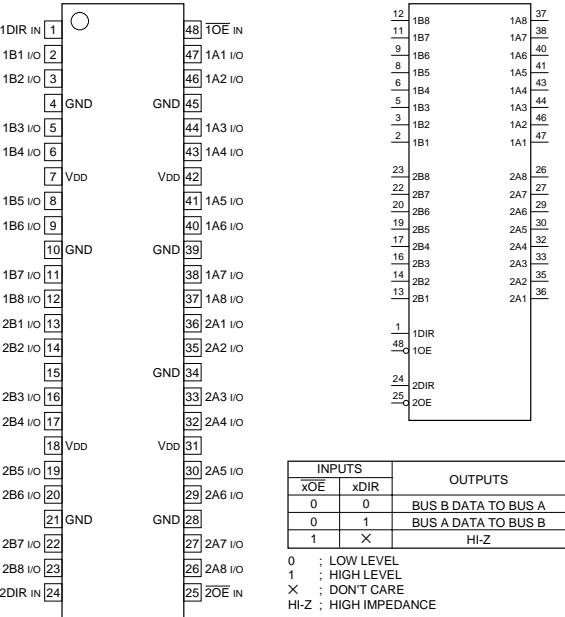
0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE
HI-Z : HIGH IMPEDANCE

NOTE :

TYPE	VDD
TC74AC/TC74VHC	+2 to +5.5V
ABT/ACT/BCT/HCT/VHCT	+5V
OTHER TYPES	+2 to +6V

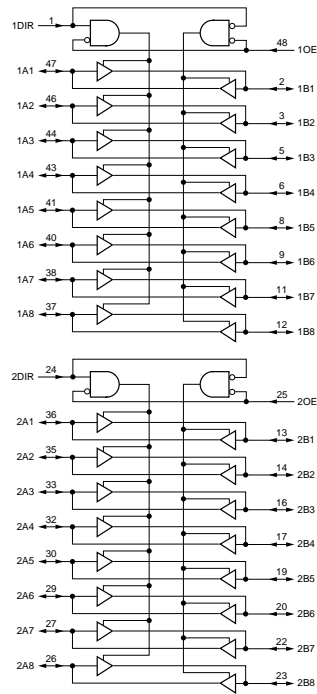
SN74LVC16245ADGGR (TI)
SN74LVT16245ADGGR-E05 (TI)

C-MOS 16-BIT BIDIRECTIONAL TRANSCEIVER
-TOP VIEW-

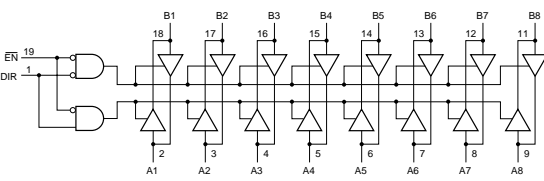
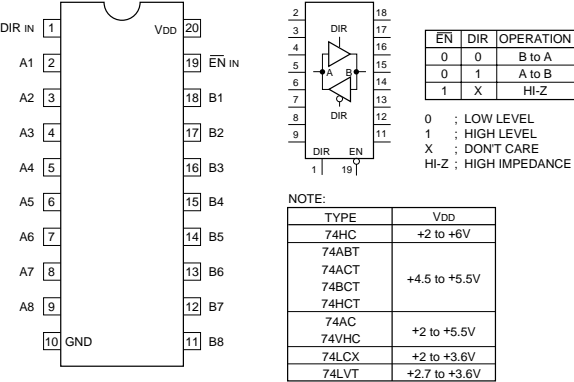


NOTE :

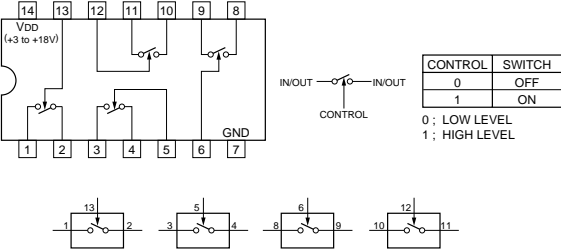
TYPE	VDD
IDT74FCT	+5V
SN74LVC	
SN74LVT	
74LCX	+2 to +3.6V



SN74LVC245APW-E05 (TI)
C-MOS BILATERAL BUS TRANSCEIVERS WITH 3-STATE OUTPUTS
-TOP VIEW-

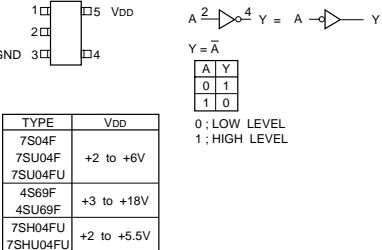


TC4066BFS-EL (TOSHIBA)
C-MOS QUAD BILATERAL ANALOG SWITCH
-TOP VIEW-



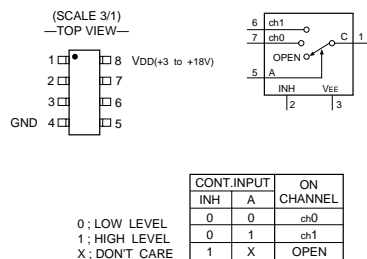
TC4S69F (TOSHIBA)CHIP PACKAGE
TC7S04FU(TE85R) (TOSHIBA)FLAT PACKAGE
TC7SH04FU (TOSHIBA)CHIP PACKAGE
TC4S69F(TE85R)
TC7SH04FU-TE85R

C-MOS INVERTER
-TOP VIEW-



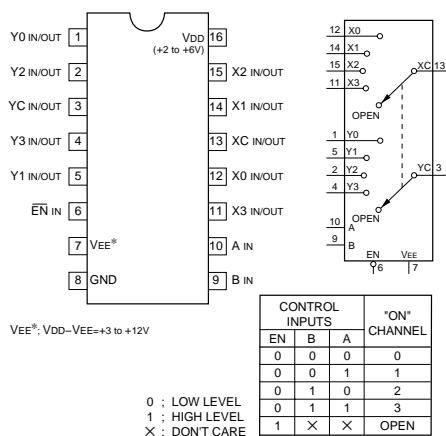
TC4W53FU (TOSHIBA)CHIP PACKAGE TC4W53FU(TE12R)

C-MOS 2-CHANNEL MULTIPLEXER / DEMULTIPLEXER



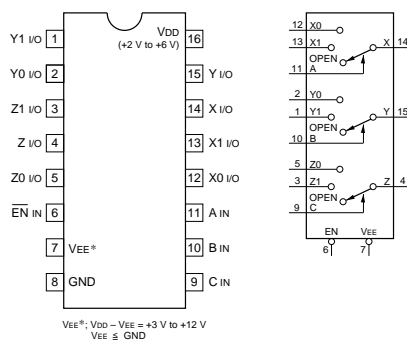
TC74HC4052AFS(EL) (TOSHIBA)FLAT PACKAGE

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXER/DEMUTIPLEXER
-TOP VIEW-



TC74HC4053AFS (TOSHIBA)FLAT PACKAGE TC74HC4053AFS-EL

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMUTIPLEXER
-TOP VIEW-

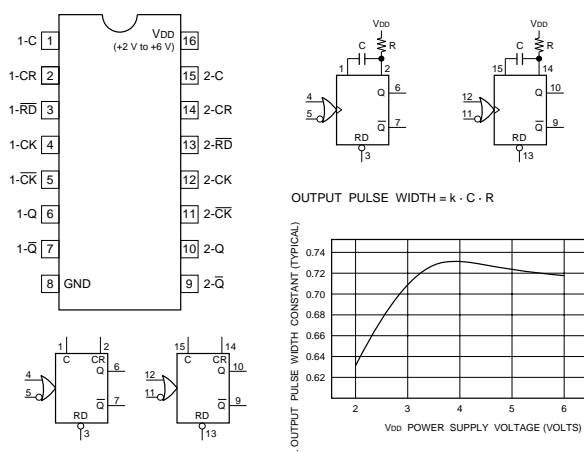


CONTROL INPUTS				ON CHANNEL		
EN	SELECT					
	C	B	A	Z0	Y0	X0
0	0	0	0	Z0	Y0	X0
0	0	0	1	Z0	Y0	X1
0	0	1	0	Z0	Y1	X0
0	0	1	1	Z0	Y1	X1
0	1	0	0	Z1	Y0	X0
0	1	0	1	Z1	Y0	X1
0	1	1	0	Z1	Y1	X0
0	1	1	1	Z1	Y1	X1
1	X	X	X	OPEN		

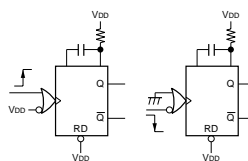
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

TC74HC4538AFS-EL (TOSHIBA)FLAT PACKAGE

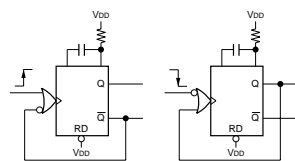
C-MOS DUAL RETRIGGERABLE / NON-RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
-TOP VIEW-



RETRIGGERABLE M. M. V

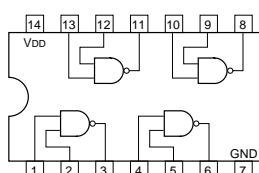


NON-RETRIGGERABLE M. M. V



TC74VHC00FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS QUAD 2-INPUT NAND GATES
-TOP VIEW-



$$A \text{ --- } \text{NAND} \text{ --- } B \text{ --- } Y = \overline{A \cdot B}$$

$$Y = \overline{A \cdot B} = \overline{A} + \overline{B}$$

A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

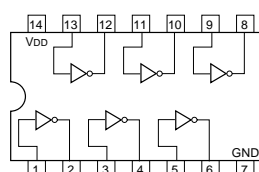
0 ; LOW LEVEL
1 ; HIGH LEVEL

NOTE:

TYPE	VDD
74AC/74VHC	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
OTHER TYPES	+2 to +6V

TC74VHC04FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS HEX INVERTERS
-TOP VIEW-



$$A \text{ --- } \text{NOT} \text{ --- } Y = \overline{A}$$

$$Y = \overline{A}$$

A	Y
0	1
1	0

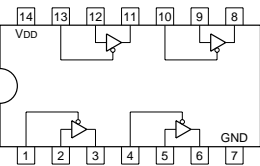
0 ; LOW LEVEL
1 ; HIGH LEVEL

NOTE:

TYPE	VDD
74AC/74VHC/74VHCT	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
OTHER TYPE	+2 to +6V

TC74VHC125FS(EL) (TOSHIBA)

C-MOS BUS BUFFER GATES WITH 3-STATE OUTPUT
-TOP VIEW-



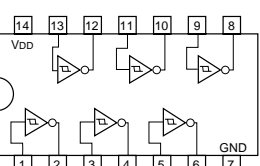
G	A	Y
0	0	0
0	1	1
1	X	Hi-Z

0 : LOW LEVEL
1 : HIGH LEVEL
X : DONT CARE
Hi-Z : HIGH IMPEDANCE

TYPE	V _{DD}
74AC/74VHC	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
74LVT/74LVC	+2.7 to +3.6V
OTHER TYPES	+2 to +6V

TC74VHC14FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS HEX SCHMITT TRIGGER INVERTERS
-TOP VIEW-



A	Y
0	1
1	0

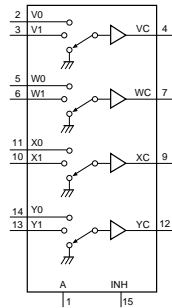
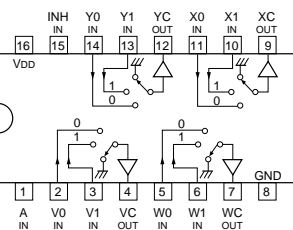
0 : LOW LEVEL
1 : HIGH LEVEL

V _{DD}	V _N	V _P
2.0V	0.75V	1.25V
4.5V	1.9V	2.7V
6.0V	2.6V	3.6V

TYPE	V _{DD}
TC74AC/VHC	+2V to +5.5V
OTHER TYPES	+2V to +6V

TC74VHC157FS(EL) (TOSHIBA)

C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/ DEMULTIPLEXER
-TOP VIEW-



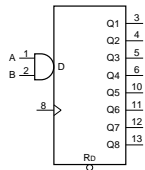
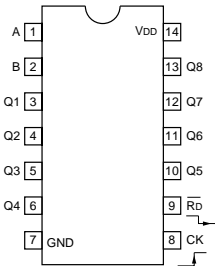
TYPE	V _{DD}
74ACT/74FCT	+5V
TC74AC157P	+2 to +5.5V
TC74AC157	+2 to +8V
TC40H	+2 to +6V
OTHER TYPES	+2 to +6V

CONT.IN	ON CHANNEL
INH	A
0	0
0	1
1	X

0 : LOW LEVEL
1 : HIGH LEVEL
X : DONT CARE

TC74VHC164F (TOSHIBA)FLAT PACKAGE
TC74VHC164FS(EL)

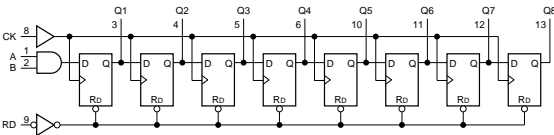
C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER
-TOP VIEW-



INPUTS		OUTPUTS	
Rd	CK	A	B
0	X	X	X
1	0	X	X
1	1	1	1
1	0	X	0
1	1	X	0

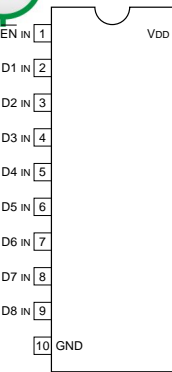
0 : LOW LEVEL
1 : HIGH LEVEL
X : DONT CARE

TYPE	V _{DD}
AC/VHC	+2 to +5.5 V
HC	+2 to +6 V
HCT	+5 V



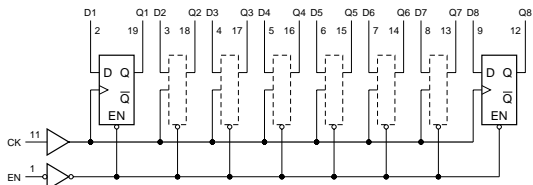
TC74VHC574FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP
-TOP VIEW-

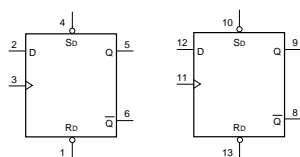
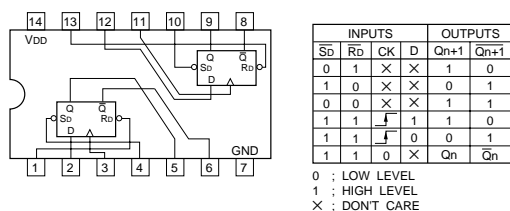


EACH FLIP-FLOP	
INPUTS	
EN	CK
0	1
0	0
0	X
1	X

0 : LOW LEVEL
1 : HIGH LEVEL
X : DONT CARE
Hi-Z : HIGH IMPEDANCE
Q0 : NO CHANGE

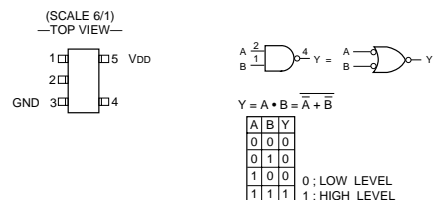


TYPE	V _{DD}
74HC	+2 to +6V
74AC/74VHC	+2 to +5.5V
74ACT/74FCT/74HCT	+4.5 to +5.5V
74LCX	+2 to 3.6V
74LVC	+2.7 to 3.6V

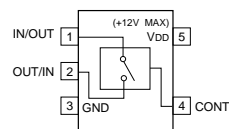
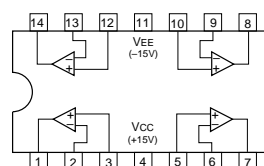
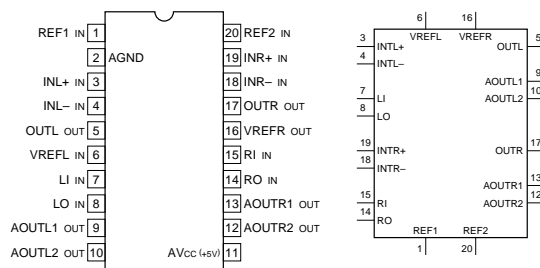
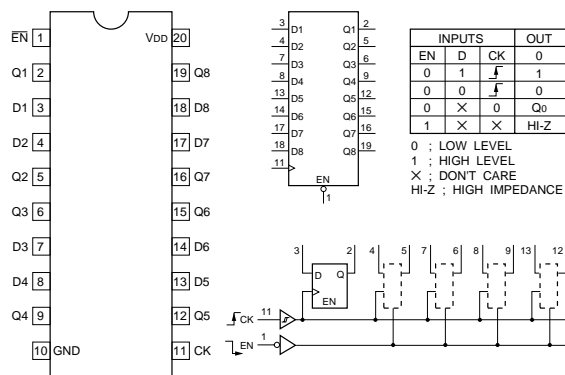
TC74VHC74FS(EL) (TOSHIBA) FLAT PACKAGE (SMALL)
C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET
 —TOP VIEW—


NOTE:

TYPE	VDD
74HCT/74ACT	+4.5 to +5.5V
74LVC	+2.7 to +3.6V
74AC/74VHC	+2 to +5.5V
OTHERS	+2 to +6V

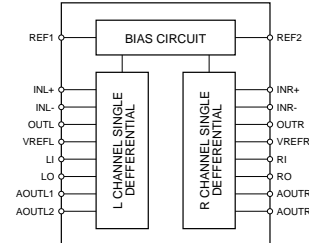
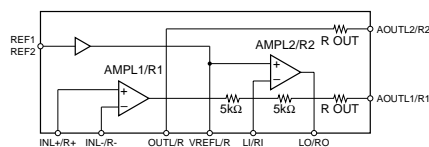
TC7S08FU (TE85R) (TOSHIBA) FLAT PACKAGE
TC7S08FU-TE85R (TOSHIBA) CHIP PACKAGE
C-MOS 2-INPUT AND GATE


TYPE	VDD
7S08F	+2 to +6V
7S08FU	+2 to +6V
4S81F	+3 to +18V
14S81F	+3 to +18V
7S08FU	+2 to +5.5V

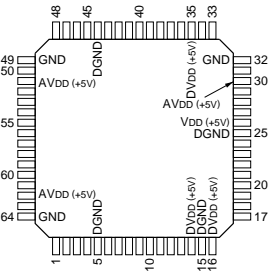
TC7S66FU (TOSHIBA)
TC7S66FU (TE85R)
C-MOS ANALOG SWITCH
 —TOP VIEW—

TL084CPW-E20 (TI) FLAT PACKAGE
OPERATIONAL AMPLIFIER (J FET INPUT)
 —TOP VIEW—

TL32088CNS-E20 (TI)
PRE-AMP (FOR AUDIO 2 CH A/D CONVERTER)
 —TOP VIEW—

TC74VHC374FS(EL) (TOSHIBA)
C-MOS 3-STATE OCTAL D-TYPE FLIP-FLOP
 —TOP VIEW—


NOTE :

TYPE	VDD
74AC/74HC	+2 to +6V
74ACT/74BCT/74FCT	+5V
74HCT	+2 to +5.5V
74VHC	+2 to +5.5V

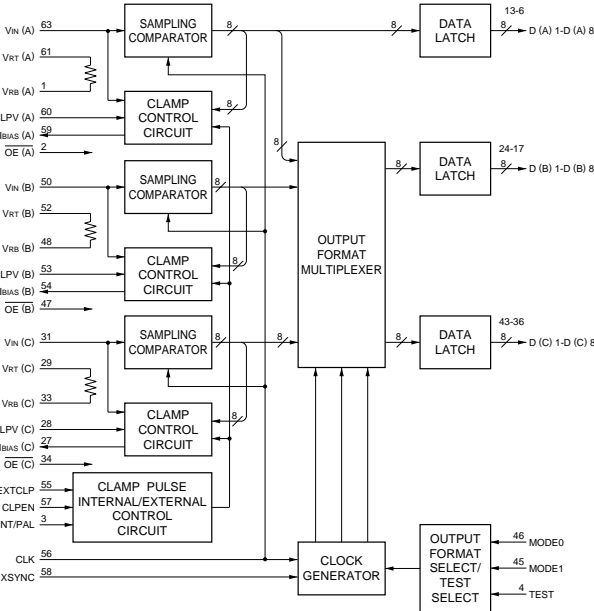


TLC5733IPM (TI)
C-MOS 8-BIT 3CHANNEL SEMI-FLASH A/D CONVERTER
-TOP VIEW-

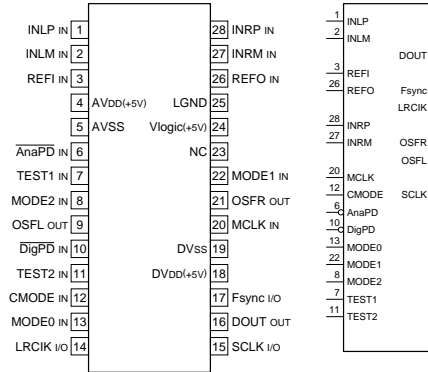


(DVDD, AVDD = +5 V)											
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	V _{RB} (A)	14	—	DVDD (QA)	27	—	IBIAS (C)	40	O	D (C) 4
2	I	OE (A)	15	—	DGND (QB)	28	I	CLPV (C)	41	O	D (C) 3
3	I	NT/PAL	16	—	DVDD (QB)	29	I	V _{RT} (C)	42	O	D (C) 2
4	I	TEST	17	O	D (B) 8	30	—	AVDD (C)	43	O	D (C) 1
5	—	DGND (QA)	18	O	D (B) 7	31	I	V _{IN} (C)	44	—	DGND (QC)
6	O	D (A) 8	19	O	D (B) 6	32	—	GND (C)	45	I	MODE1
7	O	D (A) 7	20	O	D (B) 5	33	I	V _{RB} (C)	46	I	MODE0
8	O	D (A) 6	21	O	D (B) 4	34	I	OE (C)	47	I	OE (B)
9	O	D (A) 5	22	O	D (B) 3	35	—	DVDD (QC)	48	I	V _{RB} (B)
10	O	D (A) 4	23	O	D (B) 2	36	O	D (C) 8	49	—	GND (B)
11	O	D (A) 3	24	O	D (B) 1	37	O	D (C) 7	50	I	V _{IN} (B)
12	O	D (A) 2	25	—	DGND	38	O	D (C) 6	51	—	AVDD (B)
13	O	D (A) 1	26	—	DVDD	39	O	D (C) 5	52	I	V _{RT} (B)

63	V _{IN} (A)	D (A) 8	6	INPUT	
50	V _{IN} (B)	D (A) 7	7	CLK	; CLOCK
31	V _{IN} (C)	D (A) 6	8	CLPEN	; CLAMP ENABLE FOR INTERNAL CLAMP CIRCUIT
		D (A) 5	9	CLPV (A) - CLPV (C)	; CLAMPING LEVEL OF ADC
		D (A) 4	10	EXTCLP	; EXTERNAL CLAMP PULSE
60	CLPV (A)	D (A) 4	11	MODE0, MODE1	; OUTPUT FORMAT MODE SELECT
53	CLPV (B)	D (A) 3	12	NT/PAL	; NTSC/PAL CONTROL (NTSC = 0, PAL = 1)
28	CLPV (C)	D (A) 2	13	OE (A) - OE (C)	; OUTPUT ENABLE OF DATA
		D (A) 1	14	TEST	; TEST = 1, DEVICE = 0
1	V _{RB} (A)	D (A) 1	15	V _{IN} (A) - V _{IN} (C)	; ANALOG INPUT OF ADC
48	V _{RB} (B)	D (B) 8	16	V _{RB} (A) - V _{RB} (C)	; REFERENCE VOLTAGE BOTTOM OF ADC
33	V _{RB} (C)	D (B) 7	17	V _{RT} (A) - V _{RT} (C)	; REFERENCE VOLTAGE TOP OF ADC
		D (B) 6	18	XSYNC	; OUTPUT SYNCHRONOUS
		D (B) 5	19		
61	V _{RT} (A)	D (B) 5	20	OUTPUT	
52	V _{RT} (B)	D (B) 4	21	D (A) 1 - D (A) 8	; DATA OUTPUT OF ADC A
29	V _{RT} (C)	D (B) 3	22	D (B) 1 - D (B) 8	; DATA OUTPUT OF ADC B
		D (B) 2	23	D (C) 1 - D (C) 8	; DATA OUTPUT OF ADC C
2	OE (A)	D (B) 1	24		
47	OE (B)	D (C) 8	36	OTHER	
34	OE (C)	D (C) 7	37	DGND	; DIGITAL GROUND
		D (C) 6	38	DGND (QA) - DGND (QC)	; DIGITAL GROUND FOR OUTPUT OF ADC
46	MODE0	D (C) 5	39	GND (A) - GND (C)	; GROUND OF ADC
45	MODE1	D (C) 4	40	IBIAS (A) - IBIAS (C)	; CLAMPING BIAS CURRENT OF ADC
		D (C) 3	41	AVDD (A) - AVDD (C)	; ANALOG VDD OF ADC
56	CLK	D (C) 3	42	DVDD	; DIGITAL VDD
57	CLPEN	D (C) 2	43	DVDD (QA) - DVDD (QC)	; DIGITAL VDD FOR OUTPUT OF ADC
55	EXTCLP	D (C) 1			
3	NT/PAL				
4	TEST				
58	XSYNC				
59	IBIAS (A)				
54	IBIAS (B)				
27	IBIAS (C)				



TLC320AD58CDWR (TI)

2CH AUDIO A/D CONVERTER
-TOP VIEW-

INPUT	MODE	MASTER	bit	MSB/LSB
AnaPD	0 1 2	/SLAVE	16	FIRST
CMODE	0 0 0	SLAVE	16	MSB
DigPD	0 0 1	SLAVE	18	LSB
INLM	0 1 0	SLAVE	18	MSB
INLP	0 1 1	MASTER	16	MSB
INRM	1 0 0	MASTER	18	MSB
INRP	1 0 1	MASTER	18	LSB
MCLK	1 1 0	MASTER	16	MSB
MODE0-MODE2	1 1 1	MASTER	16	LSB
REF1				
REFO				
TEST1, TEST2				

OUTPUT

DOUT : DATA

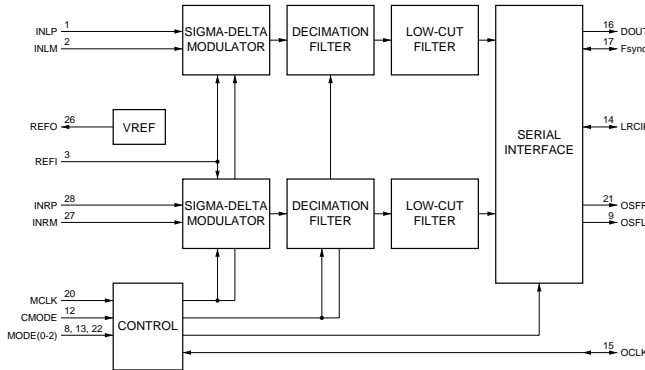
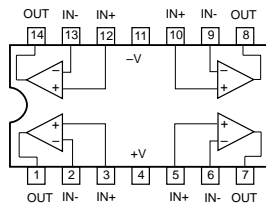
OSFL/R : L/R-CH OVER SCALE FLAG

INPUT/OUTPUT

Fsync : FRAME SYNCHRONOUS

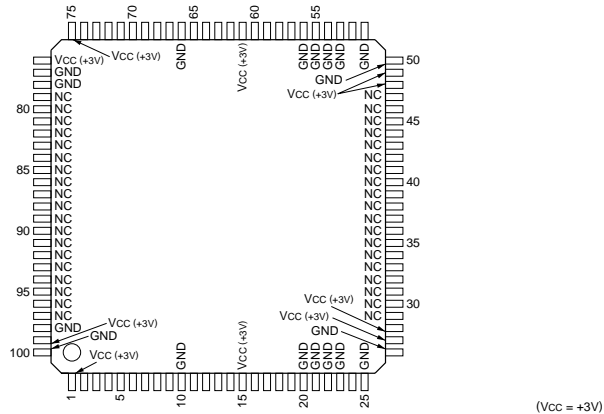
LRCLK : LR CLOCK

SCLK : SHIFT CLOCK

UPC324G2 (NEC) FLAT PACKAGE
UPC324G2-E2QUAD OPERATIONAL AMPLIFIERS
-TOP VIEW-

	+V	-V
SINGLE SUPPLY	+3 to +32 V	GND
DUAL SUPPLIES	+1.5 to +16 V	-1.5 to -16 V

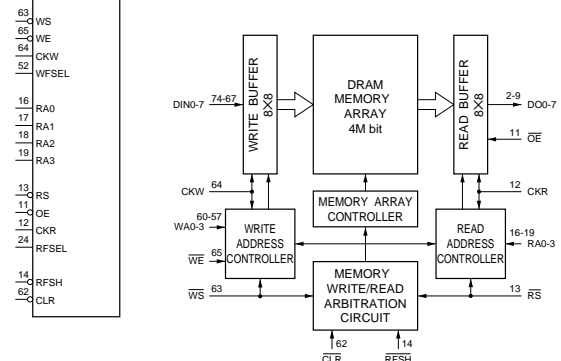
ZA4024 (TI)

SIGNAL PROCESSOR FOR DIGITAL VCR
-TOP VIEW-

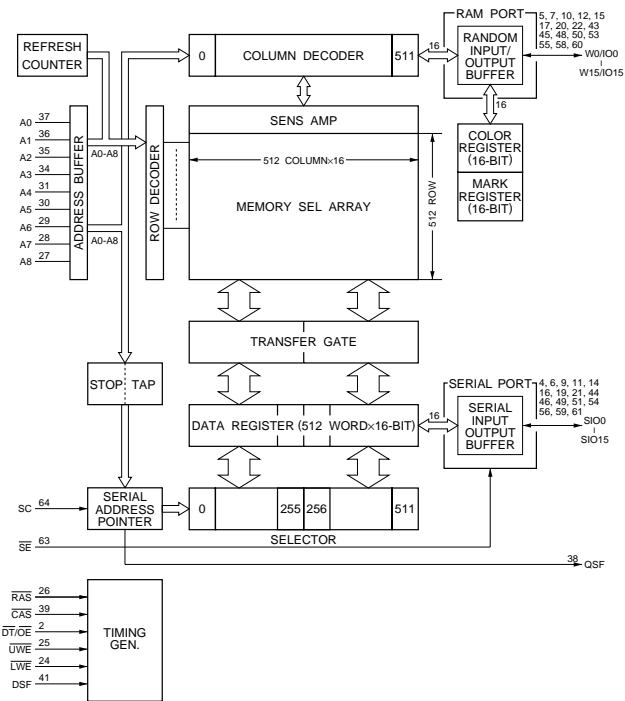
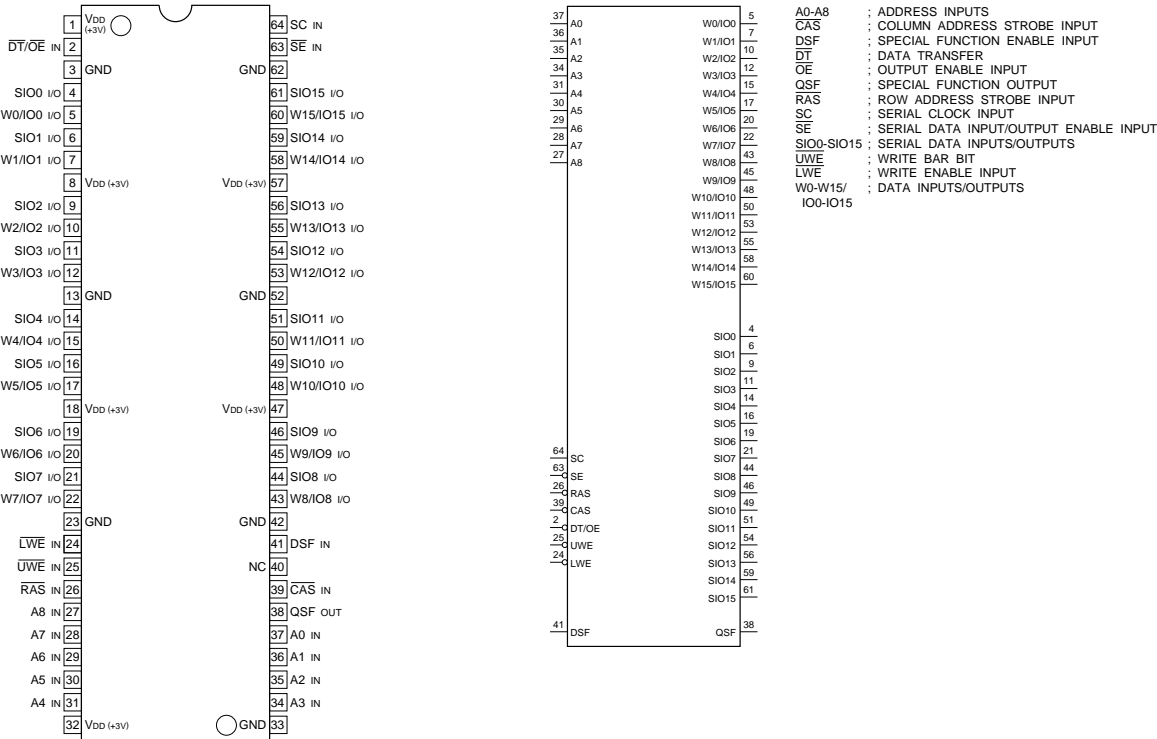
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	—	Vcc	21	—	GND	41	—	NC	61	—	Vcc
2	O	DO0	22	—	GND	42	—	NC	62	I	CLR
3	O	DO1	23	—	GND	43	—	NC	63	I	WS
4	O	DO2	24	I	RFSEL	44	—	NC	64	I	CKW
5	O	DO3	25	—	GND	45	—	NC	65	I	WE
6	O	DO4	26	—	GND	46	—	NC	66	—	GND
7	O	DO5	27	—	Vcc	47	—	NC	67	I	DIN7
8	O	DO6	28	—	Vcc	48	—	Vcc	68	I	DIN6
9	O	DO7	29	—	NC	49	—	Vcc	69	I	DIN5
10	—	GND	30	—	NC	50	—	GND	70	I	DIN4
11	I	OE	31	—	NC	51	—	GND	71	I	DIN3
12	I	CKR	32	—	NC	52	I	WFSEL	72	I	DIN2
13	I	RS	33	—	NC	53	—	GND	73	I	DIN1
14	I	RFSH	34	—	NC	54	—	GND	74	I	DIN0
15	—	Vcc	35	—	NC	55	—	GND	75	—	Vcc
16	I	RA0	36	—	NC	56	—	GND	76	—	Vcc
17	I	RA1	37	—	NC	57	I	WA3	77	—	GND
18	I	RA2	38	—	NC	58	I	WA2	78	—	GND
19	I	RA3	39	—	NC	59	I	WA1	79	—	Vcc
20	—	GND	40	—	NC	60	I	WA0	80	—	GND

74	DIN0	DO0	2
73	DIN1	DO1	3
72	DIN2	DO2	4
71	DIN3	DO3	5
70	DIN4	DO4	6
69	DIN5	DO5	7
68	DIN6	DO6	8
67	DIN7	DO7	9

DIN0 - DIN7 : DATA INPUTS
DO0 - DO7 : DATA OUTPUTS
CKR : READ CLOCK INPUT
CKW : WRITE CLOCK INPUT
CLR : RESET INPUT
OE : OUTPUT ENABLE INPUT
RA0 - RA3 : READ ADDRESS INPUT
RFSEL : READ FIELD SELECT INPUT
RFSH : REFRESH CONTROL INPUT
RS : READ ADDRESS STORBE INPUT
WA0 - WA3 : WRITE ADDRESS INPUTS
WE : WRITE ENABLE INPUT
WFSEL : WRITE FIELD SELECT INPUT
WS : WRITE ADDRESS STORBE INPUT



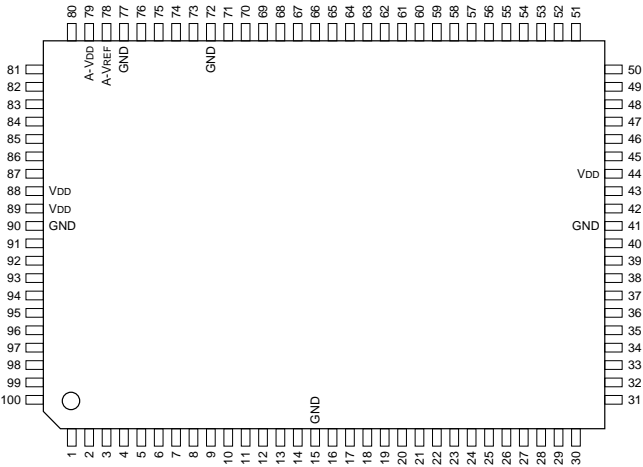
UPD482445LGW-B10-E2 (NEC)
C-MOS 4M-BIT DUAL PORT GRAPHICS BUFFER
-TOP VIEW-



CXP911016-010Q (SONY)

C-MOS 16-BIT SINGLE CHIP MICROCOMPUTER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	PB2/PP010	26	I/O	PE2	51	I	PG6/RF0	76	I	AN3
2	O	PB3/PP011	27	I/O	PE3	52	I	PG7/RF1	77	—	GND
3	O	PB4/PP012	28	I/O	PE4	53	I	PH0/EX10	78	—	A-VREF
4	O	PB5/PP013	29	I/O	PE5	54	I	PH1/EX11	79	—	A-VDD
5	O	PB6/PP014	30	I/O	PE6	55	I	PH2/SYNC0/PMI	80	I/O	PJ0/AN4/KS8
6	O	PB7/PP015	31	I/O	PE7	56	I	PH3/SYNC1	81	I/O	PJ1/AN5/KS9
7	I/O	PC0/PP016	32	I	PF0/EC0/INT0	57	I	PH4/PMASK	82	I/O	PJ2/AN6/KS10
8	I/O	PC1/PP017	33	I	PF1/EC2/INT1	58	I	PH5/DPG	83	I/O	PJ3/AN7/KS11
9	I/O	PC2/PP018	34	I	PF2/CS1/NMI/CINT	59	I	PH6/DFG	84	I/O	PJ4/AN8/KS12
10	I/O	PC3/RT00	35	I	PF3/SI1/INT2	60	I	PH7/CFG	85	I/O	PJ5/AN9/KS13
11	I/O	PC4/RT01	36	O	PF4/SO1	61	I	CS0	86	I/O	PJ6/AN10/KS14
12	I/O	PC5/RT02	37	I/O	PF5/SCK1	62	I	SI0	87	I/O	PJ7/AN11/KS15
13	I/O	PC6/RT03	38	O	PF6/T1	63	O	SO0	88	—	VDD
14	I/O	PC7/RT04	39	O	PF7/T2	64	I/O	SCK0	89	—	VDD
15	—	GND	40	I/O	RST	65	I/O	PI0/SI2	90	—	GND
16	I/O	PD0/KS0	41	—	GND	66	I/O	PI1/SO2	91	O	PA0/PP0000/PP0100
17	I/O	PD1/KS1	42	O	XTAL	67	I/O	PI2/SCK2	92	O	PA1/PP0001/PP0101
18	I/O	PD2/KS2	43	I	EXTAL	68	I/O	PI3/PO	93	O	PA2/PP0002/PP0102
19	I/O	PD3/KS3	44	—	VDD	69	I	PI4/PCK/OSCI	94	O	PA3/PP0003/PP0103
20	I/O	PD4/KS4	45	O	PG0/PWM0	70	I	PI5/OSCO	95	O	PA4/PP0004/PP0104
21	I/O	PD5/KS5	46	O	PG1/PWM1	71	I/O	PI6/XOUT	96	O	PA5/PP0005/PP0105
22	I/O	PD6/KS6	47	O	PG2/PWM2	72	—	GND	97	O	PA6/PP0006/PP0106
23	I/O	PD7/KS7	48	O	PG3/PWM3	73	I	PI7/AN0	98	O	PA7/PP0007/PP0107
24	I/O	PE0	49	O	PG4/DA0	74	I	AN1	99	O	PB0/PP0008/PP0108
25	I/O	PE1	50	O	PG5/DA1	75	I	AN2	100	O	PB1/PP0009/PP0109

- INPUT**
- AN0 - AN11 : A/D CONVERTER ANALOG SIGNAL
 - CFG : CAPSTAN FG
 - CINT : EXTERNAL CAPTURE FOR TIMER/COUNTER
 - CS0 : CH0 SERIAL CHIP SELECT
 - CS1 : CH1 SERIAL CHIP SELECT
 - DFG : DRUM FG
 - DPG : DRUM PG
 - EC0, EC2 : EXTERNAL EVENT INPUT FOR TIMER/COUNTER
 - EXI0, EXI1 : EXTERNAL INPUT FOR FRC CAPTURE UNIT
 - EXTAL : EXTERNAL CRYSTAL OSCILLATOR FOR SYSTEM CLOCK
 - INT0 - INT2 : EXTERNAL INTERRUPT REQUEST
 - NMI : NON-MASKABLE INTERRUPT REQUEST
 - OSCI : EXTERNAL CRYSTAL OSCILLATOR FOR PRE-SCALER
 - PCK : PRE-SCALER CLOCK
 - PFO - PF3 : PORT F
 - PG6, PG7 : PORT G
 - PH0 - PH7 : PORT H
 - PI4 - PI7 : PORT I
 - PMI : PULSE INPUT FOR PULSE DURATION MEASURING CIRCUIT
 - PMASK : MASK INPUT FOR PULSE DURATION MEASURING CIRCUIT
 - RFG0, RFG1 : REEL FG
 - SI0 : CH0 SERIAL DATA
 - SI1 : CH1 SERIAL DATA
 - SI2 : CH2 SERIAL DATA
 - SYNC0, SYNC1 : COMPOSITE SYNC

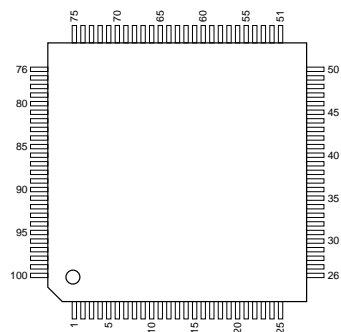
- OUTPUT**
- DA0, DA1 : DA GATE PULSE
 - OSCO : EXTERNAL CRYSTAL OSCILLATOR FOR PRE-SCALER
 - PA0 - PA7 : PORT A
 - PB0 - PB7 : PORT B
 - PF4 - PF7 : PORT F
 - PG0 - PG4 : PORT G
 - PO : PRE-SCALER
 - PP0000 - PP0018 : PROGRAMMABLE PATTERN GENERATOR
 - PP0100 - PP0109 : PROGRAMMABLE PATTERN GENERATOR
 - PWM0 - PWM3 : 4-BIT PWM
 - RT00 - RT04 : REAL TIME PULSE GENERATOR
 - SO0 : CH0 SERIAL DATA
 - SO1 : CH1 SERIAL DATA
 - SO2 : CH2 SERIAL DATA
 - T1 : 8-BIT TIMER/COUNTER
 - T2 : 16-BIT CAPTURE TIMER/COUNTER
 - XOUT : CLOCK GENERATOR
 - XTAL : EXTERNAL CRYSTAL FOR SYSTEM CLOCK

- INPUT/OUTPUT**
- PC0 - PC7 : PORT C
 - PD0 - PD7 : PORT D
 - PE0 - PE7 : PORT E
 - PI0 - PI3 : PORT I
 - PJ0 - PJ7 : PORT J
 - RST : SYSTEM RESET
 - SCK0 : CH0 SERIAL CLOCK
 - SCK1 : CH1 SERIAL DATA
 - SCK2 : CH2 SERIAL CLOCK

CXP913040-011R (SONY)

16-BIT SINGLE CHIP MICROCOMPUTER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	PB4/PPO012	26	I/O	PE4	51	I	PH0/EXI0	76	—	AVREF
2	O	PB5/PPO013	27	I/O	PE5	52	I	PH1/EXI1	77	—	AVcc
3	O	PB6/PPO014	28	I/O	PE6	53	I	PH2/SYNC0/PMI	78	I/O	PJ0/AN4/KS8
4	O	PB7/PPO015	29	I/O	PE7	54	I	PH3/SYNC1	79	I/O	PJ1/AN5/KS9
5	I/O	PC0/PPO016	30	I	PF0/EC0/INT0	55	I	PH4/PMSK	80	I/O	PJ2/AN6/KS10
6	I/O	PC1/PPO017	31	I	PF1/EC2/INT1	56	I	PH5/DPG	81	I/O	PJ3/AN7/KS11
7	I/O	PC2/PPO018	32	I	PF2/CS1/NMI/CINT	57	I	PH6/DPG	82	I/O	PJ4/AN8/KS12
8	I/O	PC3/RTO0	33	I	PF3/SI1/INT2	58	I	PH7/CFG	83	I/O	PJ5/AN9/KS13
9	I/O	PC4/RTO1	34	O	PF4/SO1	59	I	CS0	84	I/O	PJ6/AN10/KS14
10	I/O	PC5/RTO2	35	I/O	PF5/SCK1	60	I	SI0	85	I/O	PJ7/AN11/KS15
11	I/O	PC6/RTO3	36	O	PF6/T1	61	O	SO0	86	—	Vcc
12	I/O	PC7/RTO4	37	O	PF7/T2	62	I/O	SCK0	87	—	Vcc
13	—	GND	38	I/O	RST	63	I/O	PI0/SI2	88	—	GND
14	I/O	PD0/KS0	39	—	GND	64	I/O	PI1/SO2	89	O	PA0/PP0000/PP0100
15	I/O	PD1/KS1	40	O	XTAL	65	I/O	PI2/SCK2	90	O	PA1/PP0001/PP0101
16	I/O	PD2/KS2	41	I	EXTAL	66	I/O	PI3/CS2/PO	91	O	PA2/PP0002/PP0102
17	I/O	PD3/KS3	42	—	Vcc	67	I	PI4/PCK/OSCI	92	O	PA3/PP0003/PP0103
18	I/O	PD4/KS4	43	O	PG0/PWM0	68	I	PI5/OSCO	93	O	PA4/PP0004/PP0104
19	I/O	PD5/KS5	44	O	PG1/PWM1	69	I/O	PI6/XOUT	94	O	PA5/PP0005/PP0105
20	I/O	PD6/KS6	45	O	PG2/PWM2	70	—	GND	95	O	PA6/PP0006/PP0106
21	I/O	PD7/KS7	46	O	PG3/PWM3	71	I	PI7/AN0	96	O	PA7/PP0007/PP0107
22	I/O	PE0	47	O	PG4/DA0	72	I	AN1	97	O	PB0/PP0008/PP0108
23	I/O	PE1	48	O	PG5/DA1	73	I	AN2	98	O	PB1/PP0009/PP0109
24	I/O	PE2	49	I	PG6/RFG0	74	I	AN3	99	O	PB2/PPO010
25	I/O	PE3	50	I	PG7/RFG1	75	—	AGND	100	O	PB3/PPO011

INPUTS

AN0 - AN11	: A/D CONVERTER ANALOG SIGNAL
CFG	: CAPSTAN FG
CINT	: EXTERNAL CAPTURE FOR TIMER/COUNTER
CS0 - CS2	: SERIAL CHIP SELECT (CH0 - CH2)
DFG	: DRUM FG
DPG	: DRUM PG
EC0, EC2	: EXTERNAL EVENT INPUT FOR TIMER/COUNTER
EXI0, EXI1	: EXTERNAL INPUT FOR FRC CAPTURE UNIT
EXTAL	: EXTERNAL CRYSTAL OSCILLATOR FOR SYSTEM CLOCK
INT0 - INT2	: EXTERNAL INTERRUPT REQUEST
NMI	: NON-MASKABLE INTERRUPT REQUEST
OSCI	: EXTERNAL CRYSTAL OSCILLATOR FOR PRE-SCALER
PCK	: PRE-SCALER CLOCK
PF0 - PF3	: PORT F
PG6, PG7	: PORT G
PH0 - PH7	: PORT H
PI4 - PI7	: PORT I
PMI	: PULSE INPUT FOR PULSE DURATION MEASURING CIRCUIT
PMSK	: MASK INPUT FOR PULSE DURATION MEASURING CIRCUIT
RFG0, RFG1	: REEL FG
SI0 - SI2	: SERIAL DATA (CH0 - CH2)
SYNC0, SYNC1	: COMPOSITE SYNC

OUTPUTS

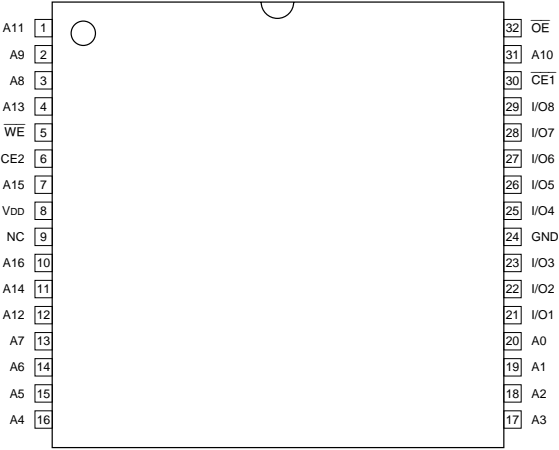
DA0, DA1	: DA GATE PULSE
OSCO	: EXTERNAL CRYSTAL OSCILLATOR FOR PRE-SCALER
PA0 - PA7	: PORT A
PB0 - PB7	: PORT B
PF4 - PF7	: PORT F
PG0 - PG5	: PORT G
PO	: PRE-SCALER
PPO000 - PPO018	: PROGRAMMABLE PATTERN GENERATOR
PPO100 - PPO109	: PROGRAMMABLE PATTERN GENERATOR
PWM0 - PWM3	: 14-BIT PWM
RTO0 - RTO4	: REAL TIME PULSE GENERATOR
SO0 - SO2	: SERIAL DATA (CH0 - CH2)
T1	: 8-BIT TIMER/COUNTER
T2	: 16-BIT CAPTURE TIMER/COUNTER
XOUT	: CLOCK GENERATOR
XTAL	: EXTERNAL CRYSTAL FOR SYSTEM CLOCK

INPUTS/OUTPUTS

PC0 - PC7	: PORT C
PD0 - PD7	: PORT D
PE0 - PE7	: PORT E
PI0 - PI3	: PORT I
PJ0 - PJ7	: PORT J
RST	: SYSTEM RESET
SCK0, SCK2	: SERIAL CLOCK (CH0, CH2)
SCK1	: SERIAL CLOCK (CH1)

K6T1008V2E-TB70 (SAMSUNG)

1M (131,072 × 8)-BIT SRAM
—TOP VIEW—



INPUTS

A0 - A16 : ADDRESS
CE1, CE2 : CHIP ENABLE1, 2
WE : READ/WRITE ENABLE
OE : OUTPUT ENABLE

INPUTS/OUTPUTS

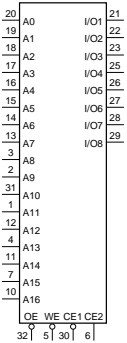
I/O1 - I/O8 : DATA

OTHER

NC : NO CONNECTION

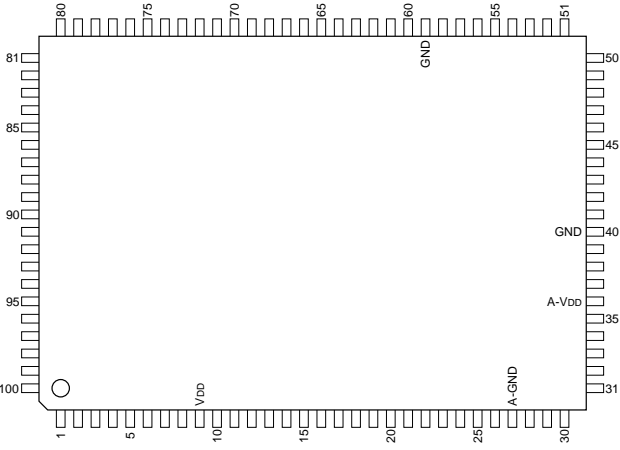
CE1	CE2	OE	WE	MODE	I/O TERMINAL
1	x	x	x	NOT SELECT	HIGH IMPEDANCE
x	0	x	x	NOT SELECT	HIGH IMPEDANCE
0	1	1	1	OUTPUT DISABLE	HIGH IMPEDANCE
0	1	0	1	READ	OUTPUT DATA
0	1	x	0	WRITE	INPUT DATA

0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE



UPD78064GF-170-3BA (NEC)

C-MOS 8-BIT SINGLE CHIP MICROCOMPUTER
—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	P26/SO0/SB1	26	I/O	P117	51	O	COM0	76	O	S16
2	I/O	P27/SCK0	27	—	AGND	52	O	COM1	77	O	S17
3	I/O	P70/SI2/RXD	28	I/O	P10/ANI0	53	O	COM2	78	O	S18
4	O	P71/SO2/TXD	29	I/O	P11/ANI1	54	O	COM3	79	O	S19
5	I/O	P72/SCK2/ASCK	30	I/O	P12/ANI2	55	—	BIAS	80	O	S20
6	—	IC	31	I/O	P13/ANI3	56	—	V LC0	81	O	S21
7	—	X2	32	I/O	P14/ANI4	57	—	V LC1	82	O	S22
8	I	X1	33	I/O	P15/ANI5	58	—	V LC2	83	O	S23
9	—	VDD	34	I/O	P16/ANI6	59	—	GND	84	I/O	P97/S24
10	I	P07/XT1	35	I/O	P17/ANI7	60	O	S0	85	I/O	P96/S25
11	—	XT2	36	—	AVDD	61	O	S1	86	I/O	P95/S26
12	I	RESET	37	I	AVREF	62	O	S2	87	I/O	P94/S27
13	I	P00/INTP0/TIO0	38	I/O	P100	63	O	S3	88	I/O	P93/S28
14	I/O	P01/INTP1/TIO1	39	I/O	P101	64	O	S4	89	I/O	P92/S29
15	I/O	P02/INTP2	40	—	GND	65	O	S5	90	I/O	P91/S30
16	I/O	P03/INTP3	41	I/O	P102	66	O	S6	91	I/O	P90/S31
17	I/O	P04/INTP4	42	I/O	P103	67	O	S7	92	I/O	P87/S32
18	I/O	P05/INTP5	43	I/O	P30/TO0	68	O	S8	93	I/O	P86/S33
19	I/O	P110	44	I/O	P31/TO1	69	O	S9	94	I/O	P85/S34
20	I/O	P111	45	I/O	P32/TO2	70	O	S10	95	I/O	P84/S35
21	I/O	P112	46	I/O	P33/TO1	71	O	S11	96	I/O	P83/S36
22	I/O	P113	47	I/O	P34/TO2	72	O	S12	97	I/O	P82/S37
23	I/O	P114	48	I/O	P35/PCL	73	O	S13	98	I/O	P81/S38
24	I/O	P115	49	I/O	P36/BUZ	74	O	S14	99	I/O	P80/S39
25	I/O	P116	50	I/O	P37	75	O	S15	100	I/O	P25/SIO/SB0

INPUT

ANI0 - ANI7 : ANALOG 0 - 7 (A/D CONVERTER)
 ASCK : ASYNCHRONOUS SERIAL CLOCK
 AVREF : ANALOG REFERENCE VOLTAGE (A/D CONVERTER)
 INTPO - INTP5 : INTERRUPT FROM PERIPHERALS 0 - 5
 P00, P07 : PORT 0
 RESET : RESET
 RXD : RECEIVE DATA
 SI0, SI2 : SERIAL DATA 0, 2
 TIO0 : EXTERNAL COUNT CLOCK 0
 TIO : CAPTURE TRIGGER
 TI1, TI21 : EXTERNAL COUNT CLOCK 1, 2
 X1, X2 : CRYSTAL1, 2 (MAIN SYSTEM CLOCK)
 XT1, XT2 : CRYSTAL1, 2 (SUB SYSTEM CLOCK)

OUTPUT

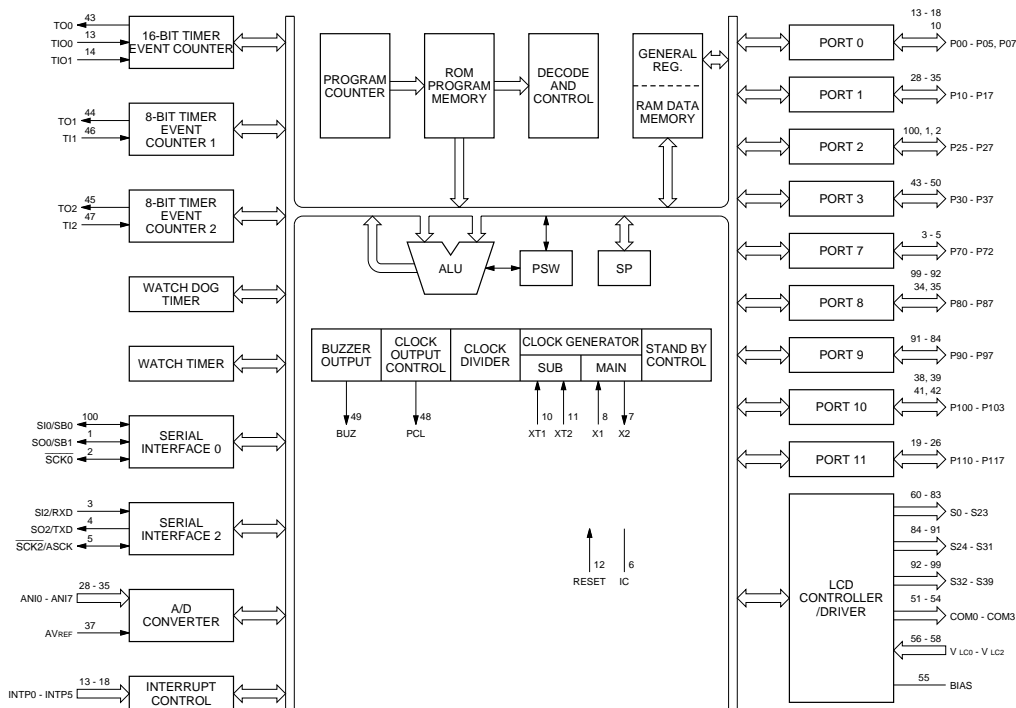
BUZ : BUZZER CLOCK
 COM0 - COM3 : COMMON DATA
 PCL : PROGRAMMABLE CLOCK
 S0 - S39 : SEGMENT DATA
 SO0, SO2 : SERIAL DATA 0, 2
 TO0 - TO2 : TIMER 0 - 2
 TXD : TRANSMIT DATA

INPUT/OUTPUT

P01 - P05 : PORT 0
 P10 - P17 : PORT 1
 P25 - P27 : PORT 2
 P30 - P37 : PORT 3
 P70 - P72 : PORT 7
 P80 - P87 : PORT 8
 P90 - P97 : PORT 9
 P100 - P103 : PORT 10
 P110 - P117 : PORT 11
 SB0, SB1 : SERIAL DATA BUS 0, 1
 SCK0, SCK2 : SERIAL CLOCK 0, 2

OTHER

BIAS : LCD POWER SUPPLY BIAS CONTROL
 IC : INTERNALLY CONNECTED
 V_{LC0} - V_{LC2} : LCD POWER SUPPLY





Section 15

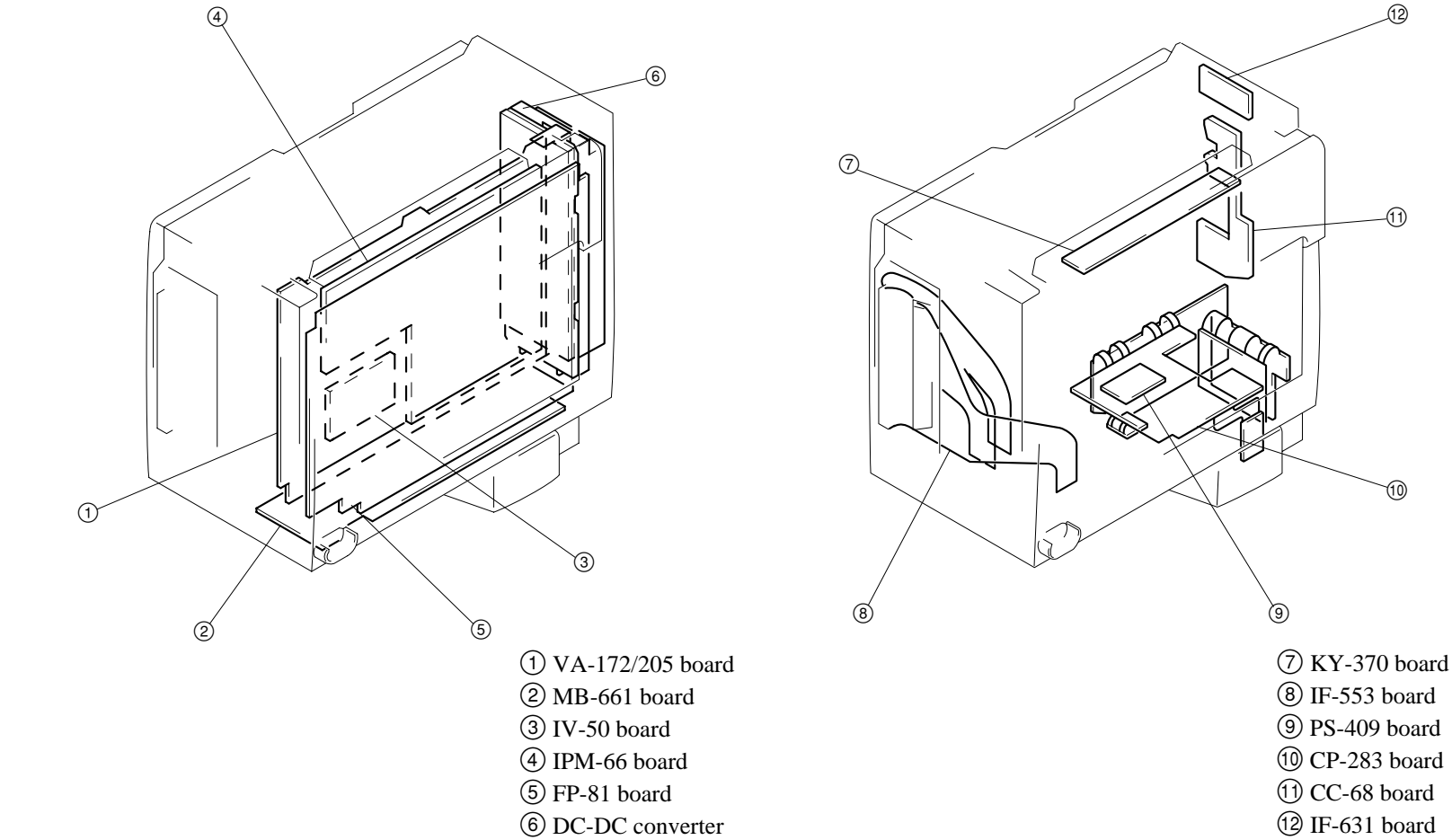
Block Diagrams

Circuit Configuration

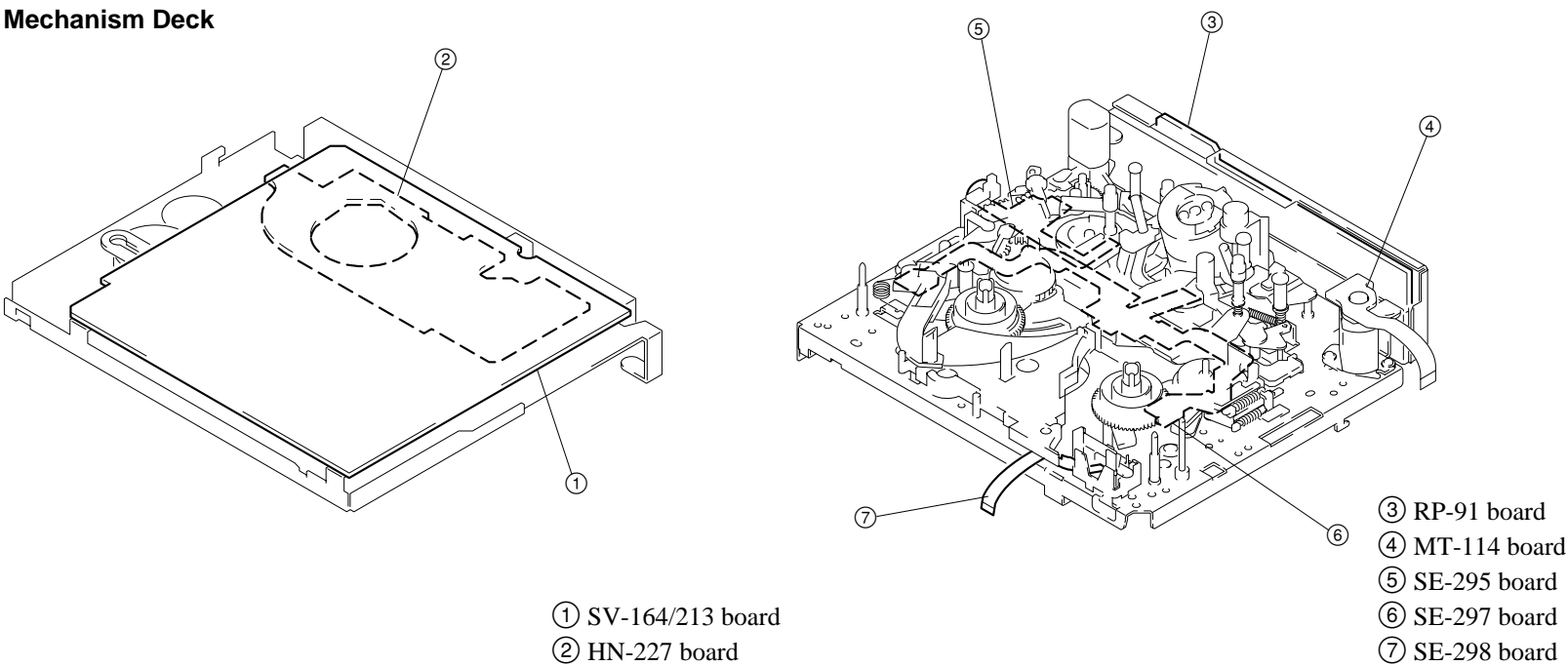
The circuit information is provided below.

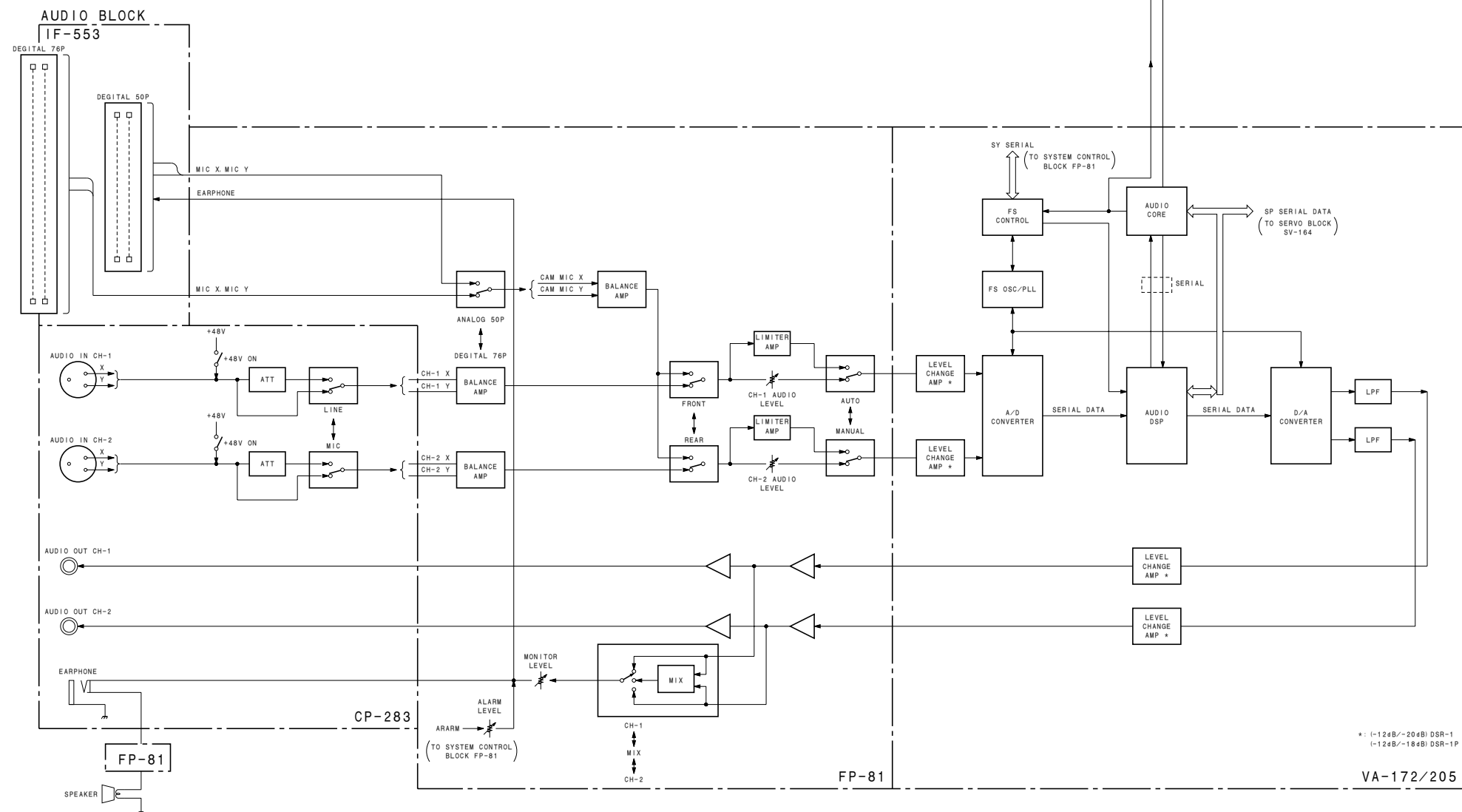
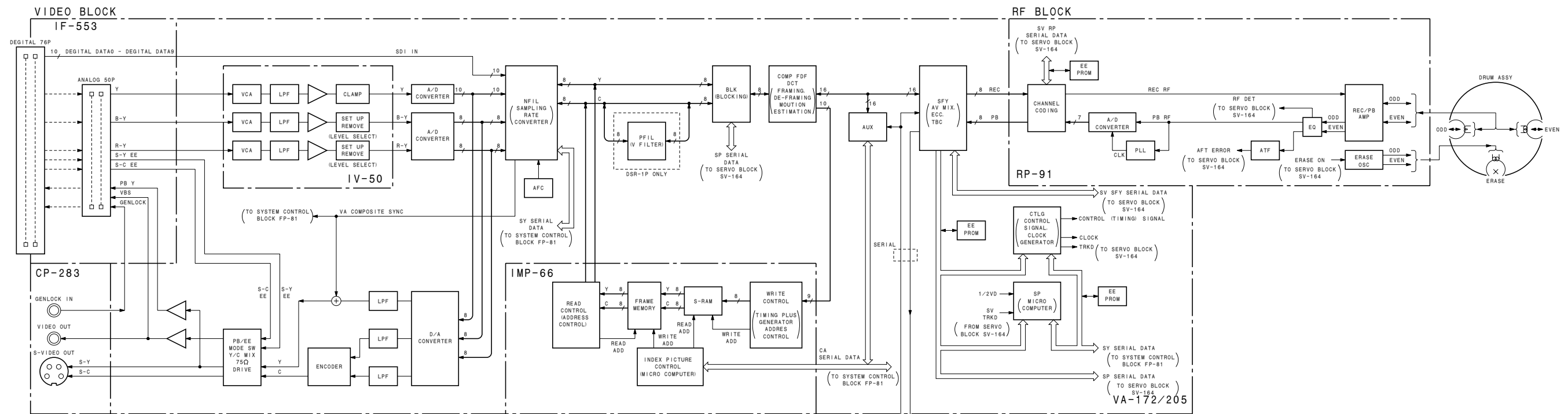
System	Board Name	Circuit Function	Page
Video	IPM-66	Index picture	15-8
	IV-50	Analog video (Input)	15-4
Video/Audio	RP-91	REC/PB RF amp CHCD (Channel coding)	15-10
	VA-172	Video/Audio	15-4, 5, 11
	VA-205	Video/Audio	15-4, 5, 11
Audio	FP-81	Audio select/limiter	15-12, 13
Servo	CC-68	Cassette compartment switch Tape top sensor	15-16
	HN-227	Servo-mech. deck interface	15-16, 17, 18
	MT-114	Reel shift motor/switch	15-16, 18
	SE-295	Function cam sensor Tape end sensor	15-16
	SE-297	Reel FG sensor Reel shift sensor Cassette compartment lock switch	15-16
	SE-298	MIC REC inhibit switch	15-16
	SV-164	Servo	15-16, 17, 18
	SV-213	Servo	15-16, 17, 18
Syscon	KY-370	Function key	15-14
Syscon/Other	FP-81	System control TC generator TC switch	15-14, 15
Others	CP-283	Audio in/out connector	15-13
		Audio MIC amp	15-12
		Video out connector	15-5
		TC in/out connector	15-15
	IF-553	76pin/50pin connector	15-12, 14
	IF-631	Service jig connector	15-18
	MB-661	Motherboard	15-18
	PS-409	Circuit protector	15-18
–	Overall	–	15-2

Main Unit

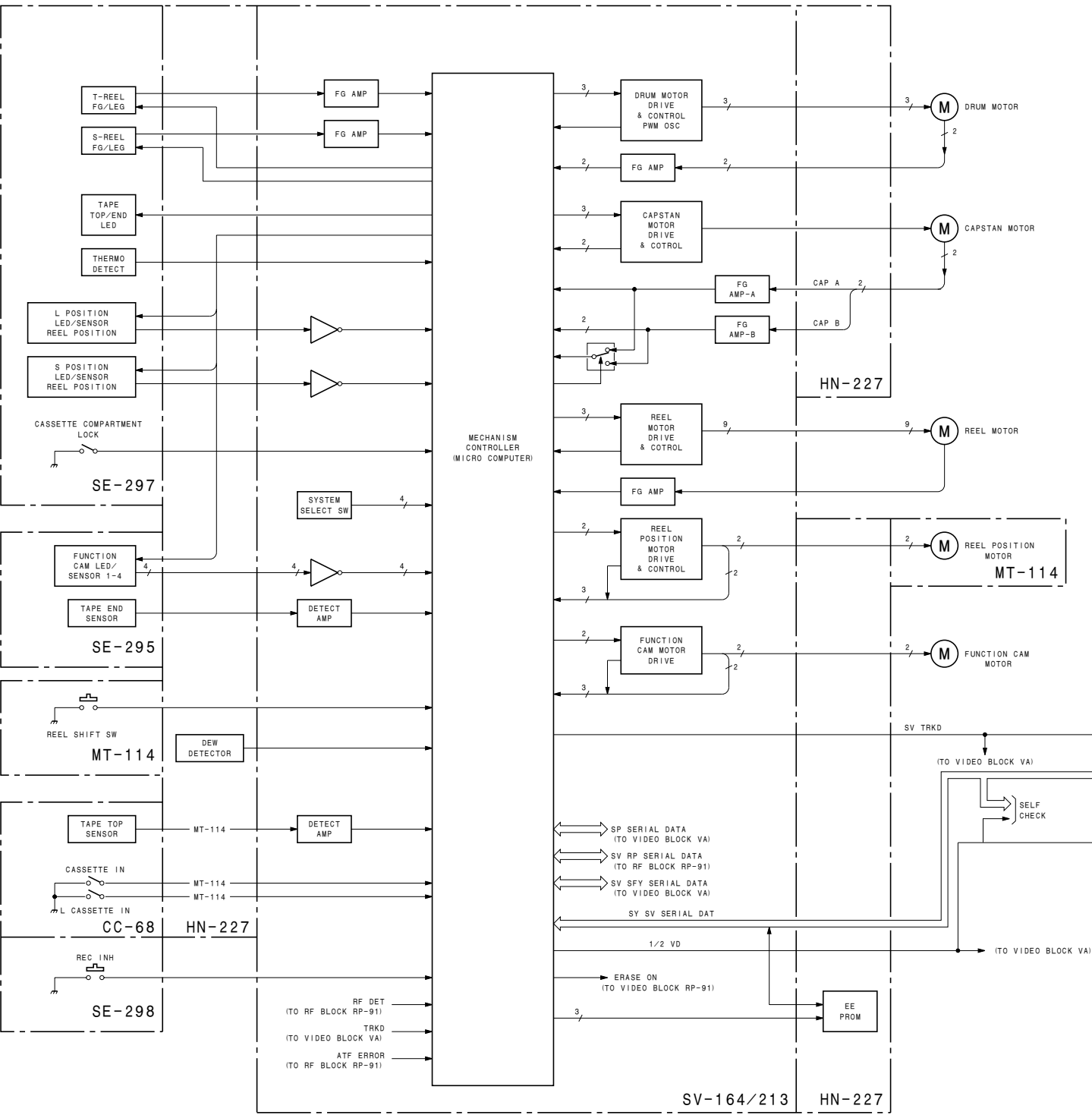


Mechanism Deck

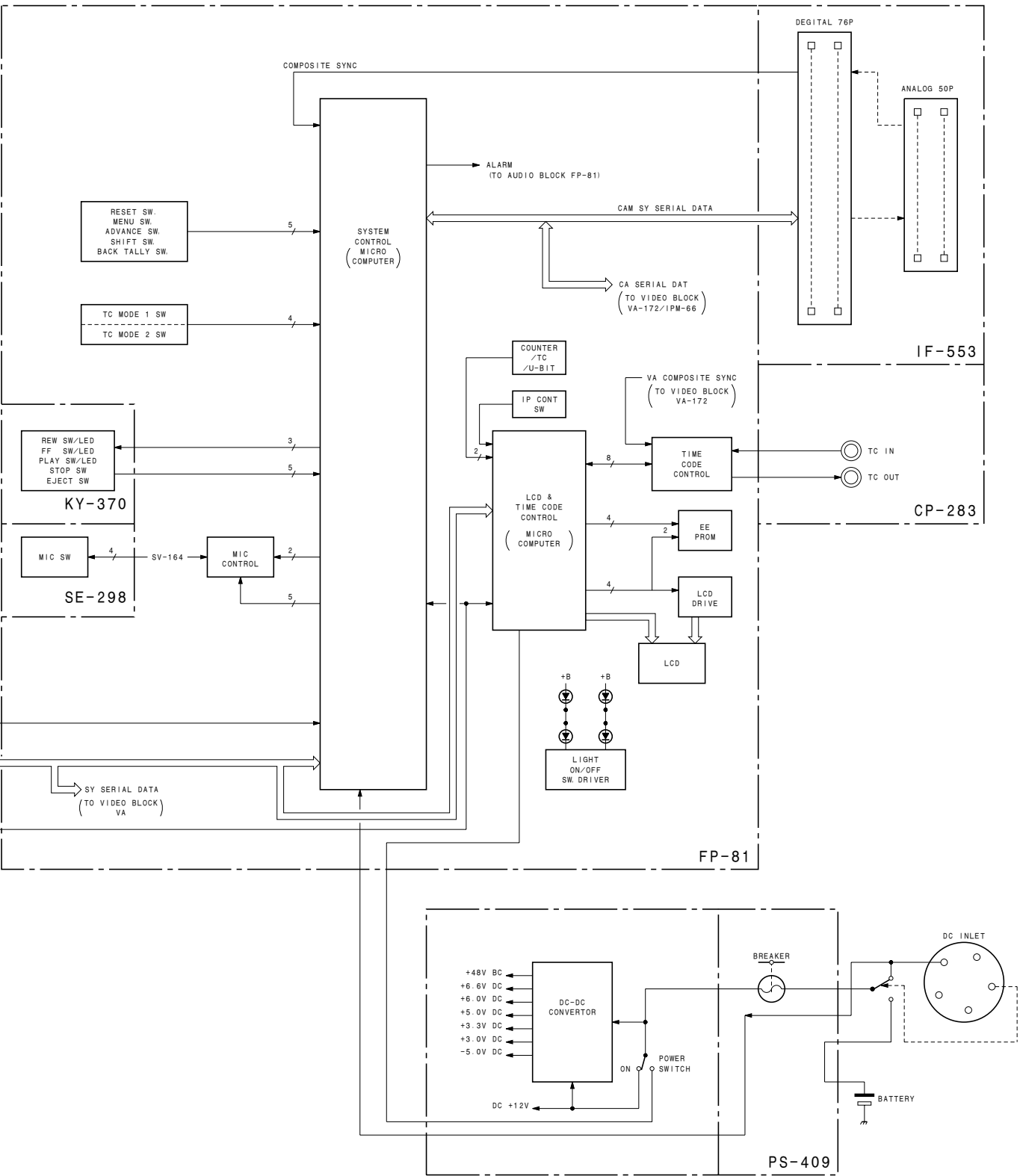


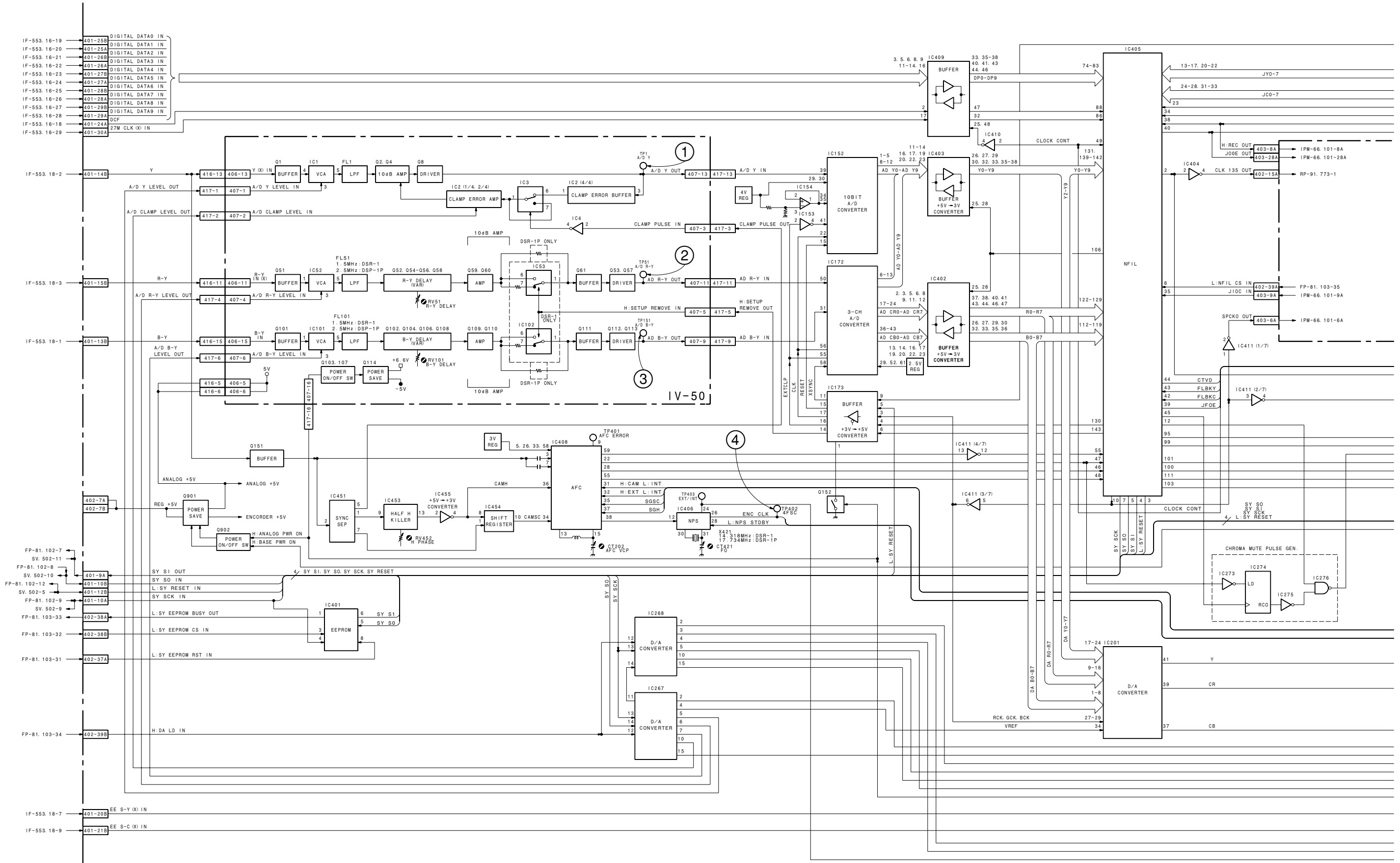


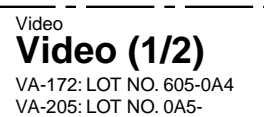
SERVO BLOCK



SYSTEM CONTROL & POWER BLOCK

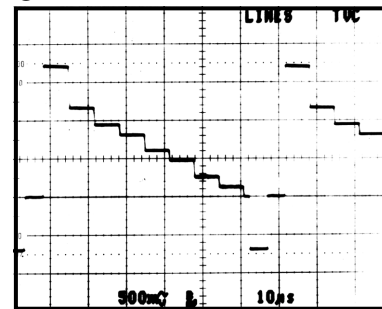




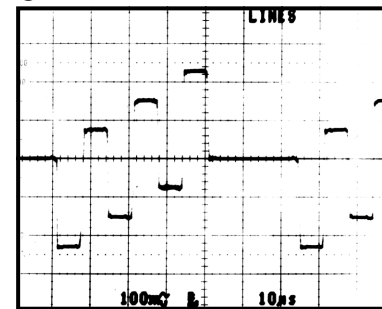


<NTSC>

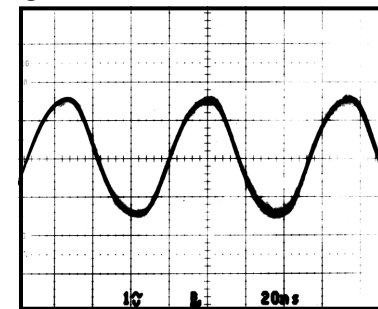
① TP1 EE/PB mode



⑤ TP261 EE/PB mode



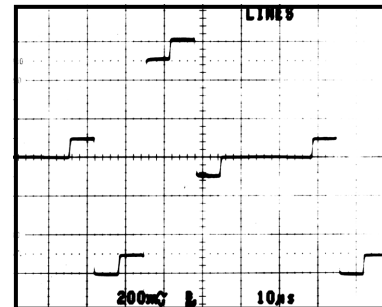
⑧ TP612 EE/PB mode



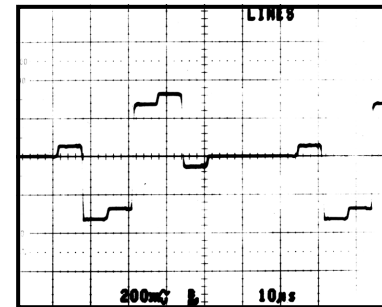
Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS (for NTSC)
SETUP 7.5%

EE mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS

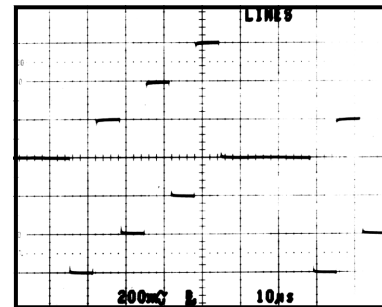
② TP51 EE/PB mode



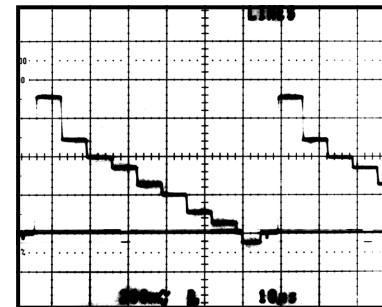
⑥ TP262 EE/PB mode



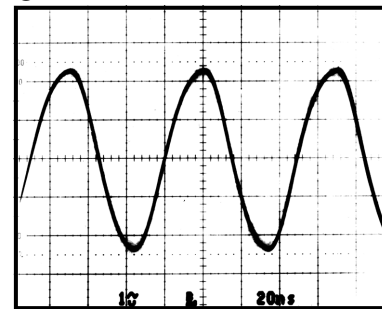
③ TP151 EE/PB mode



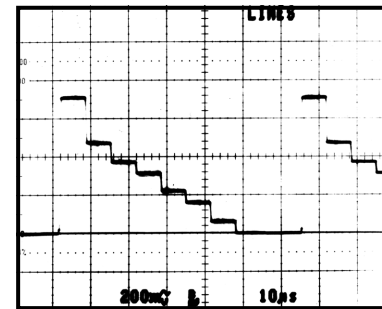
⑦ TP263 EE mode



④ TP402 EE/PB mode



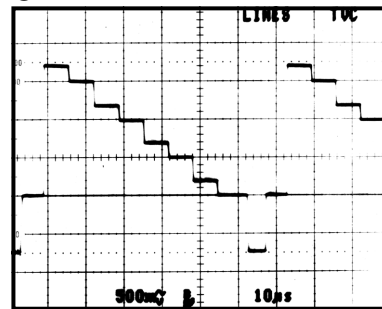
TP263 PB mode



<PAL>

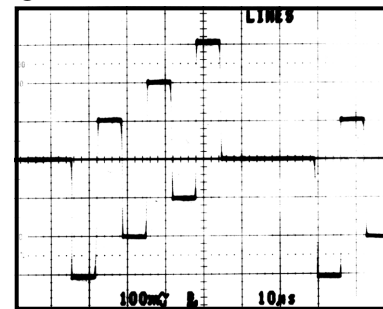
① TP1

EE/PB mode



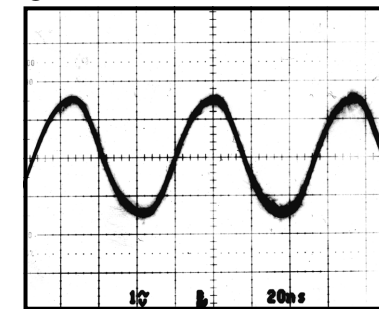
⑤ TP261

EE/PB mode



⑧ TP612

EE/PB mode



Measurement Condition

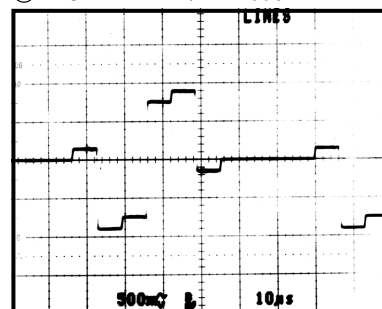
Y, R-Y, B-Y : 100% COLOR BARS (for PAL)

EE mode

PB mode : XH5-1AP (for PAL)
100% COLOR BARS

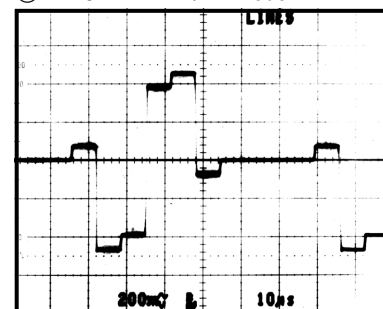
② TP51

EE/PB mode



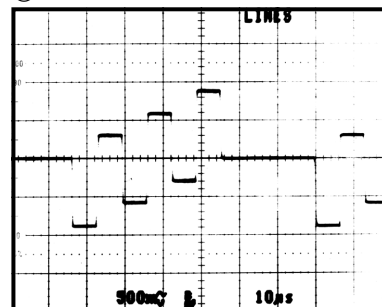
⑥ TP262

EE/PB mode



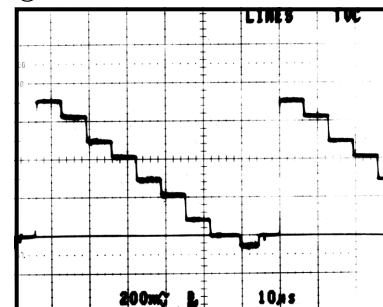
③ TP151

EE/PB mode



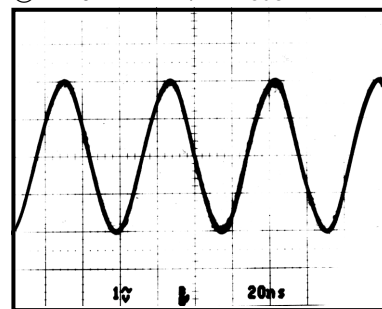
⑦ TP263

EE mode

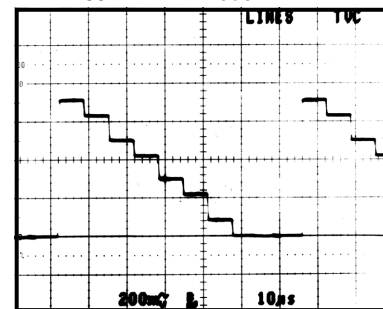


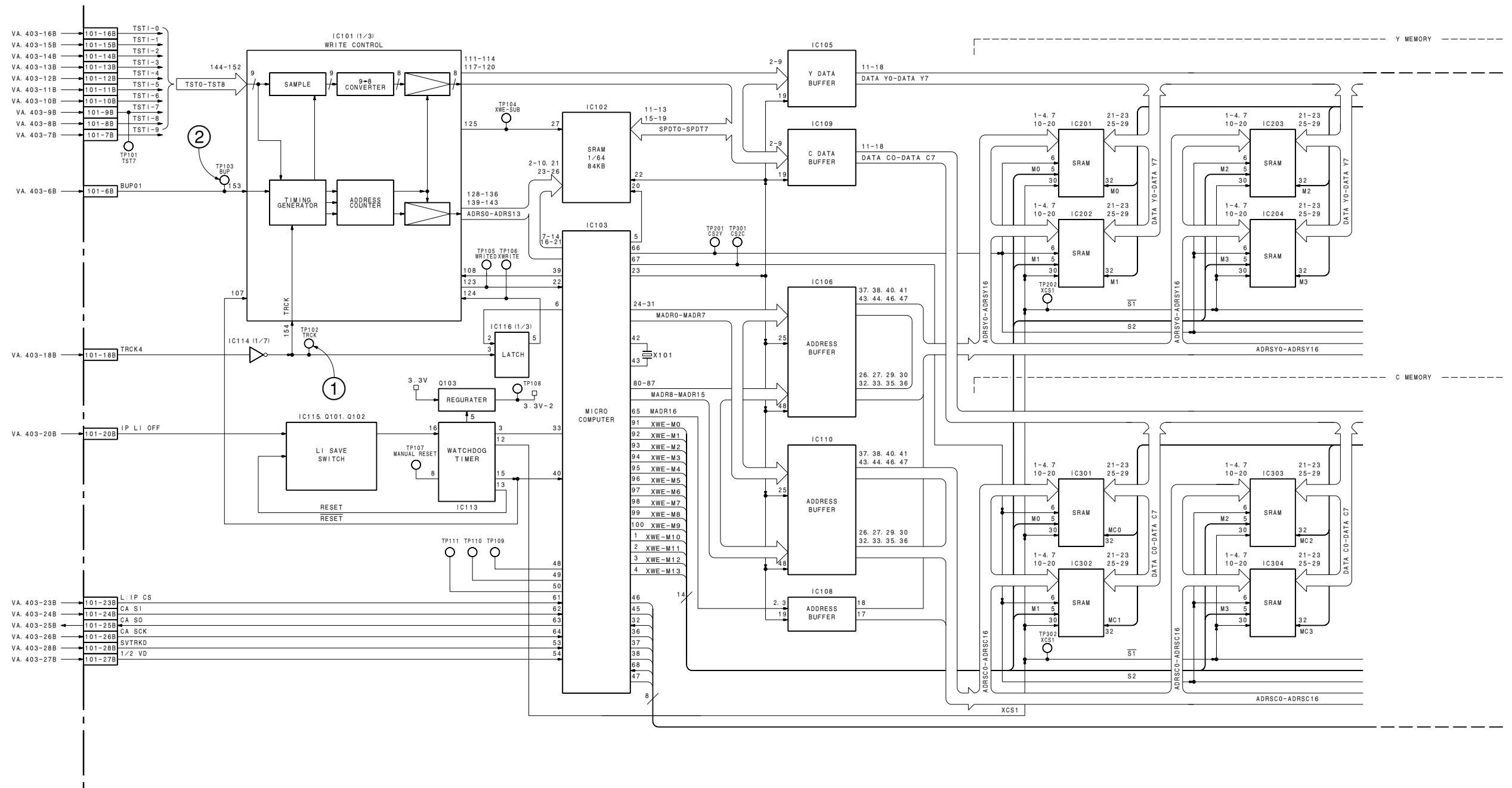
④ TP402

EE/PB mode

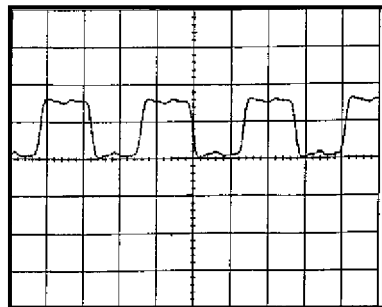


TP263 PB mode

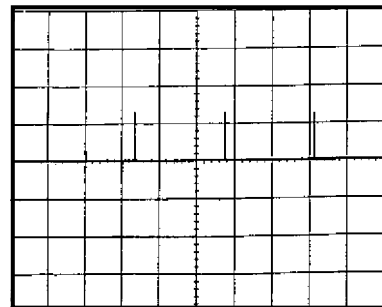




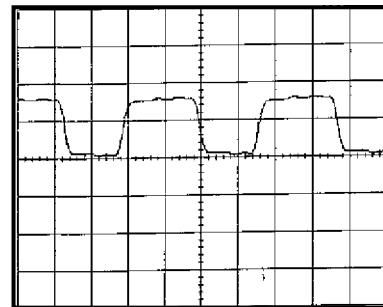
① TP102 EE/REC mode



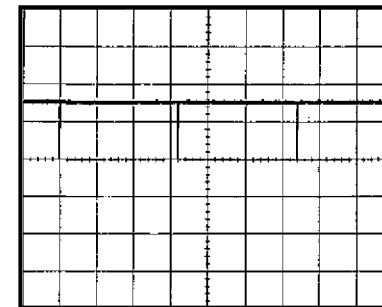
② TP103 EE/REC mode



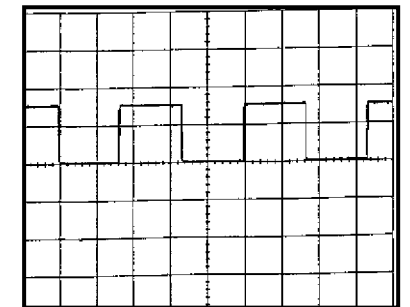
③ TP204 EE/REC mode

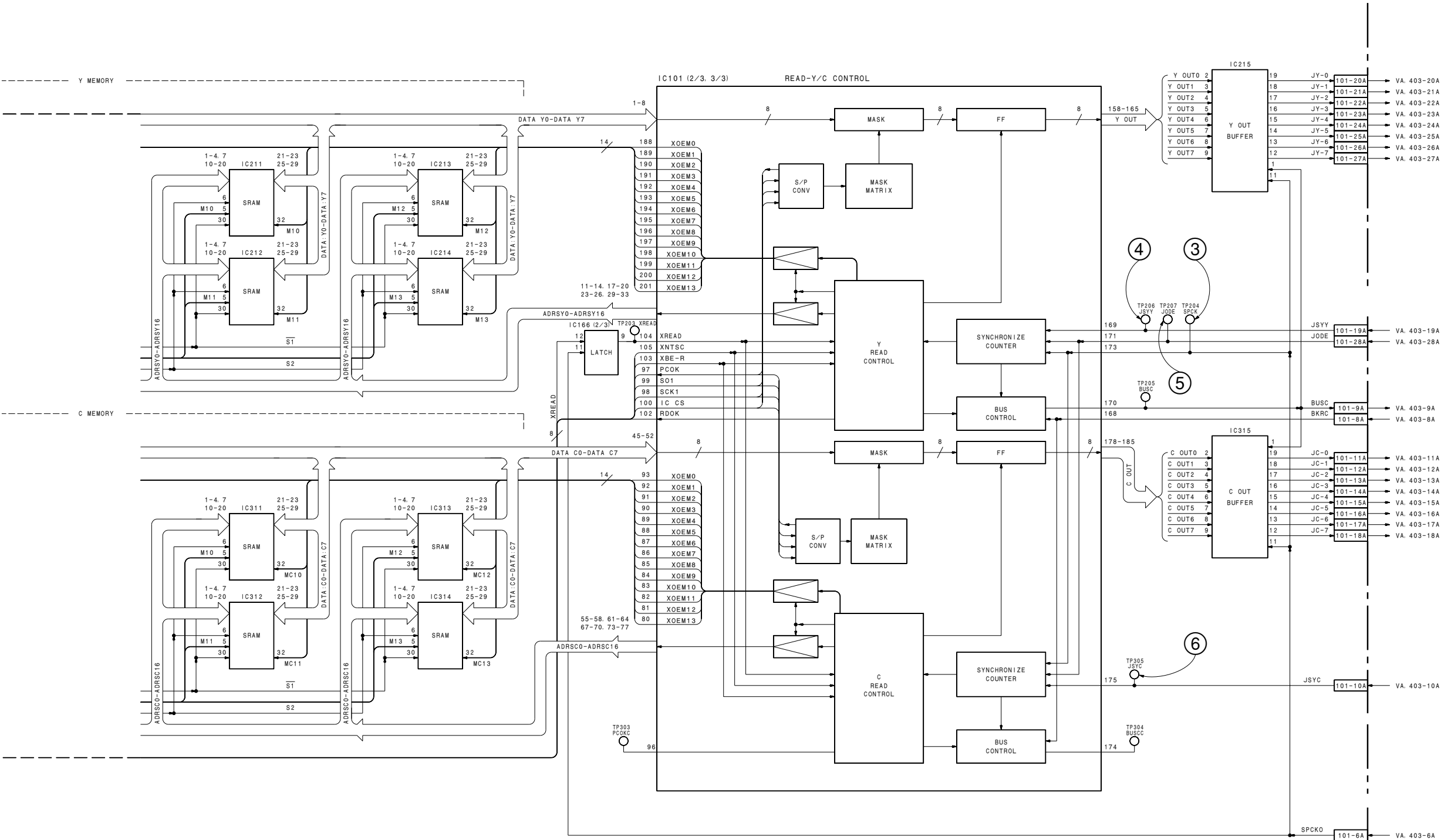


④ TP206 EE/REC mode

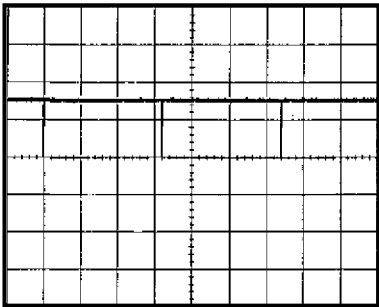


⑤ TP207 EE/REC mode





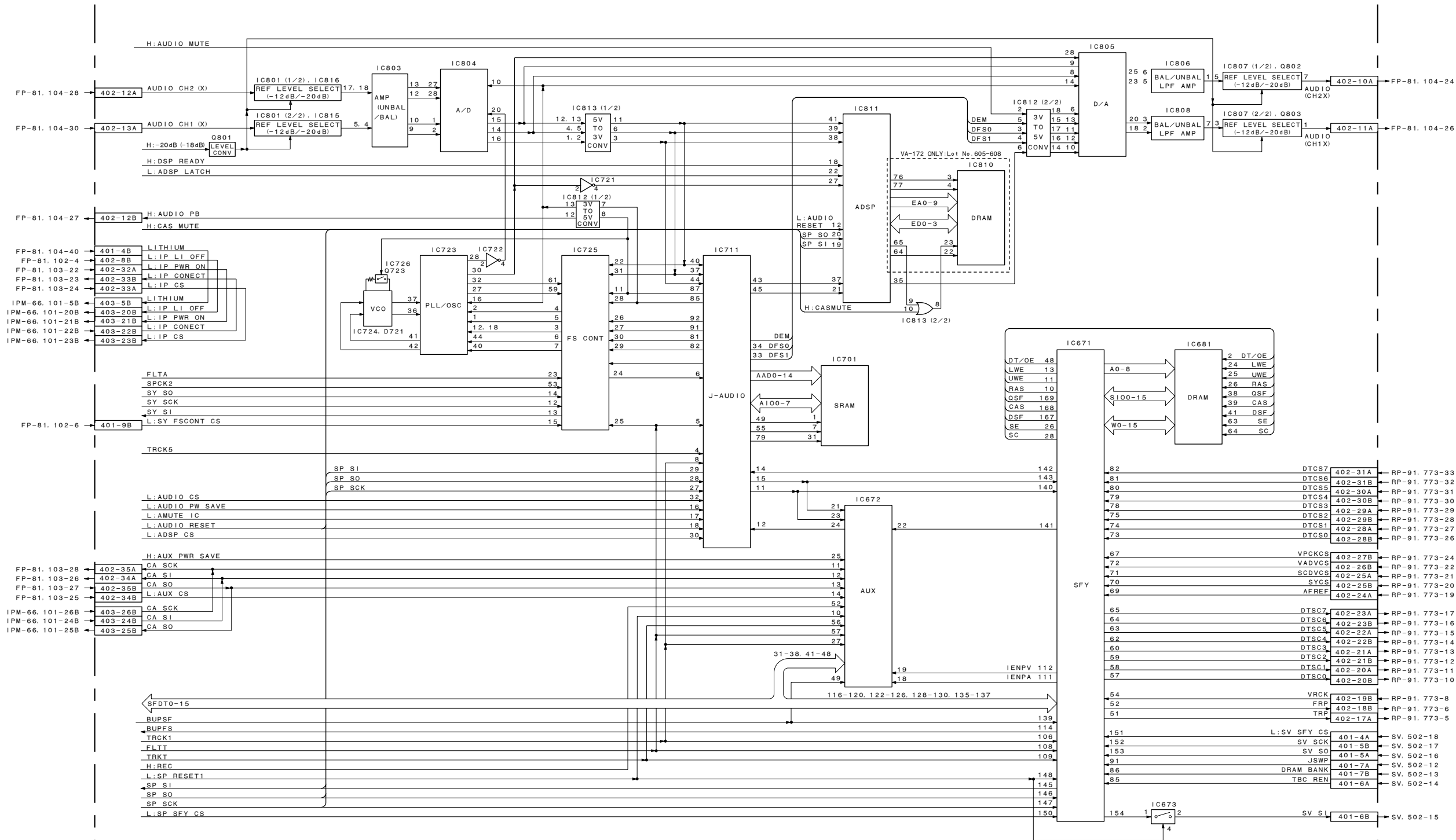
⑥ TP305 EE/REC mode

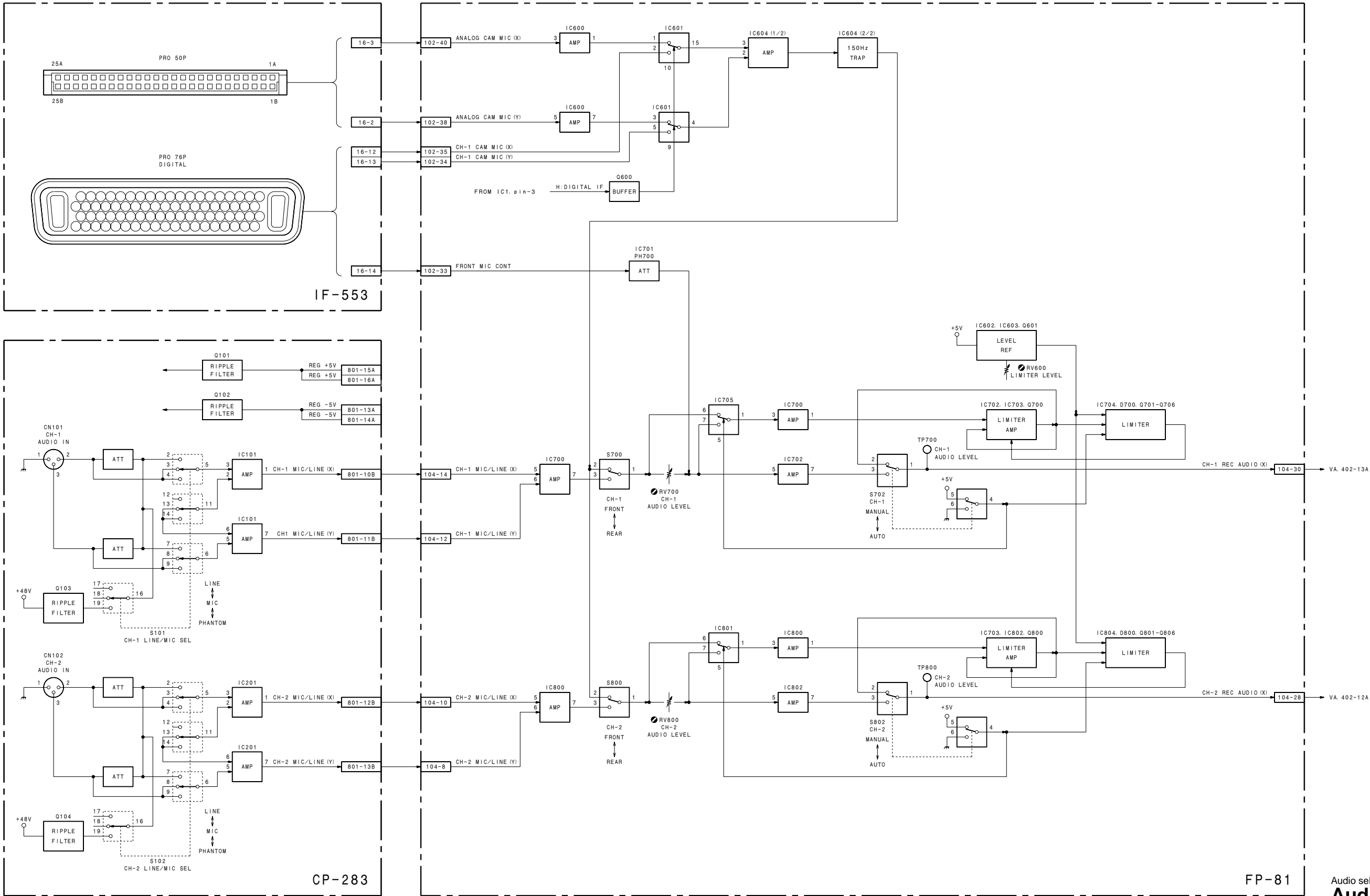


Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)

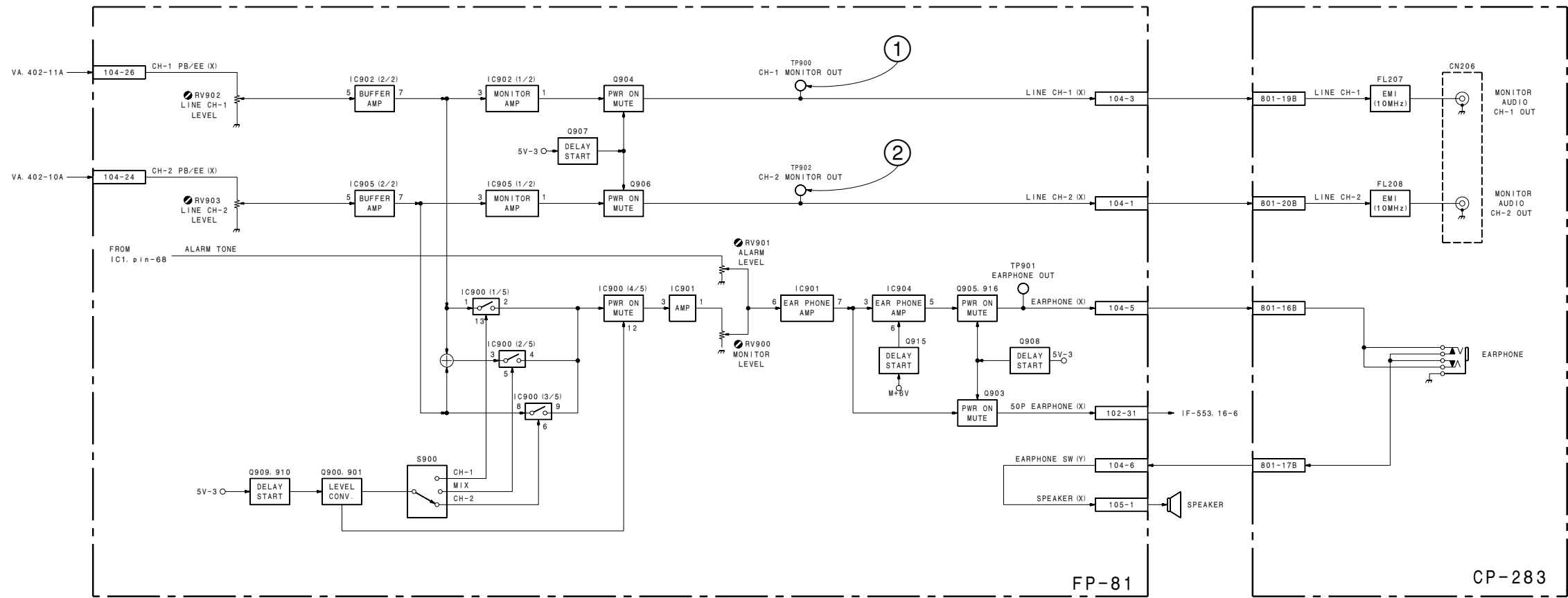
EE mode
REC mode



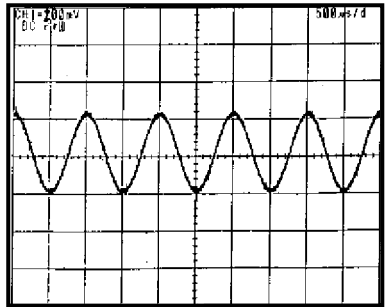




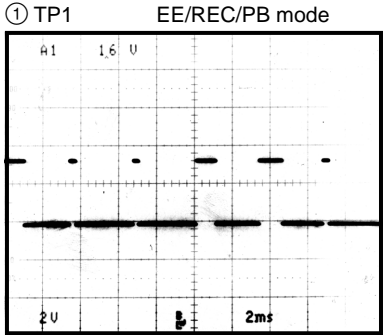
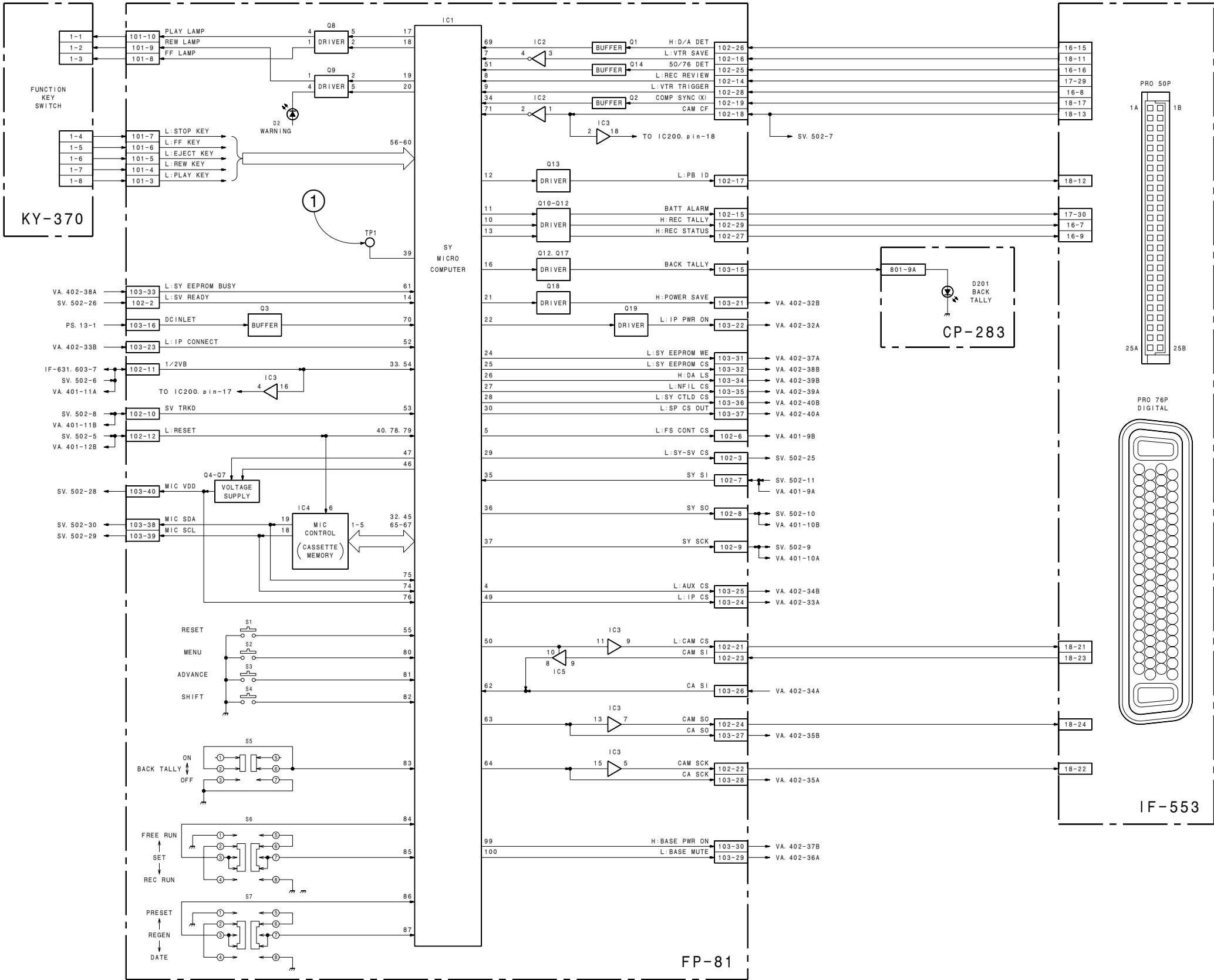
Audio select/limiter (1/2)
Audio (2/3)
FP-81



- ① TP900 PB mode
- ② TP902 PB mode

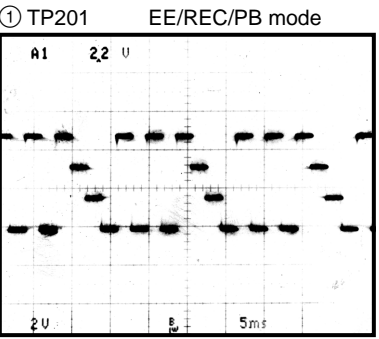
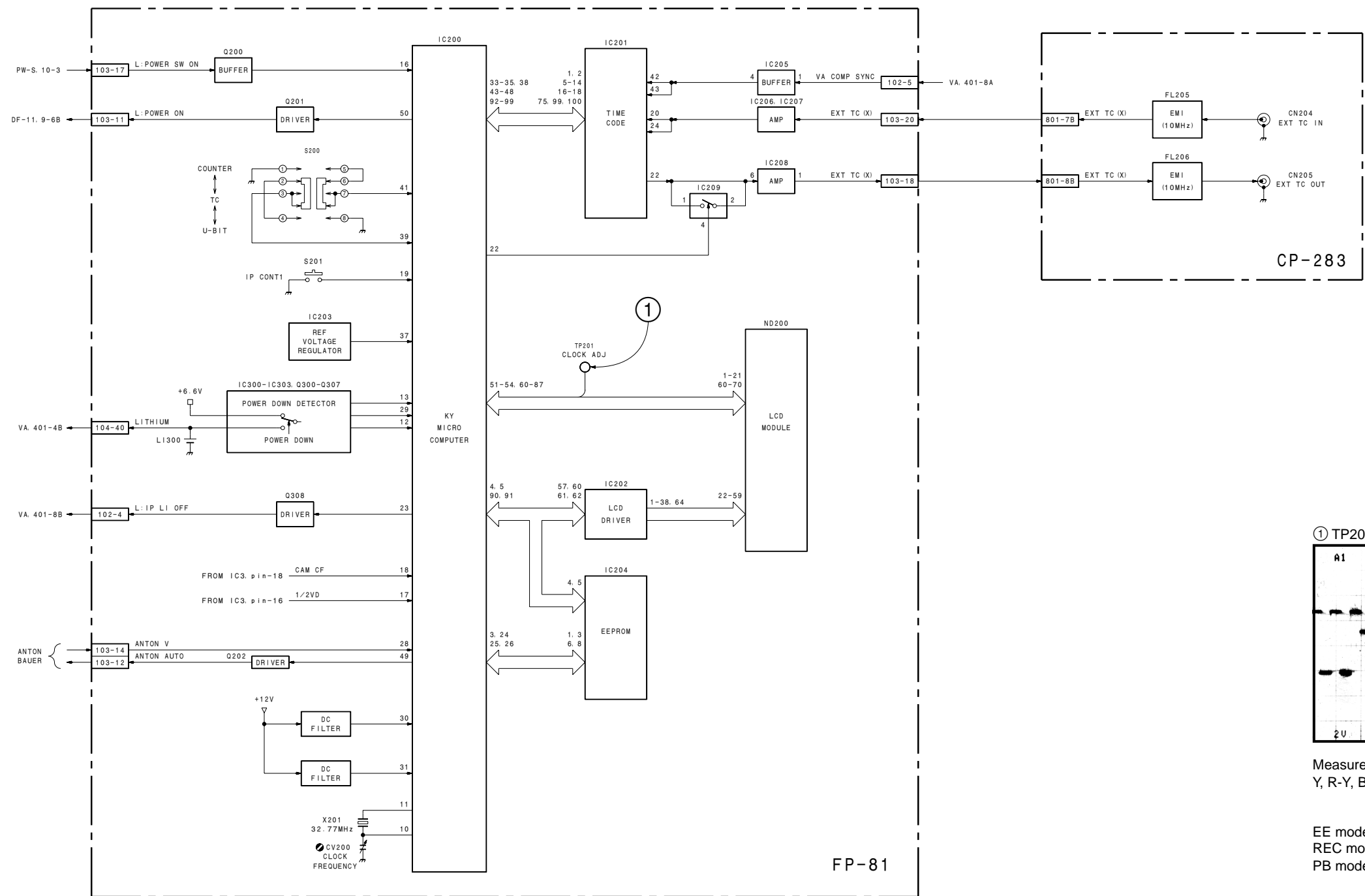


Measurement Condition
PB mode : XH5-1A (for NTSC)
75% COLOR BARS
(1 kHz, -20 dB)
XH5-1AP (for PAL)
100% COLOR BARS
(1 kHz, -20 dB)



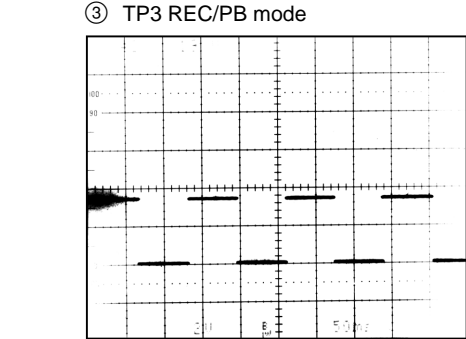
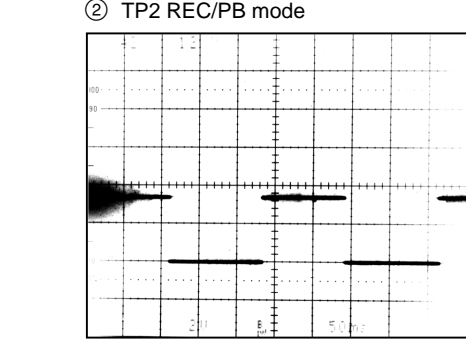
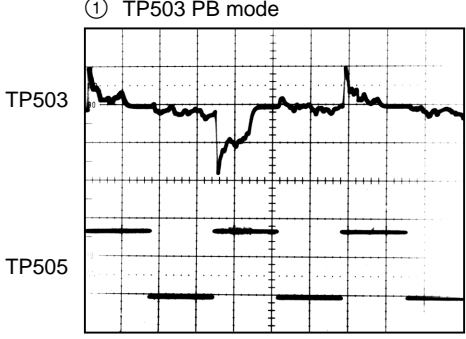
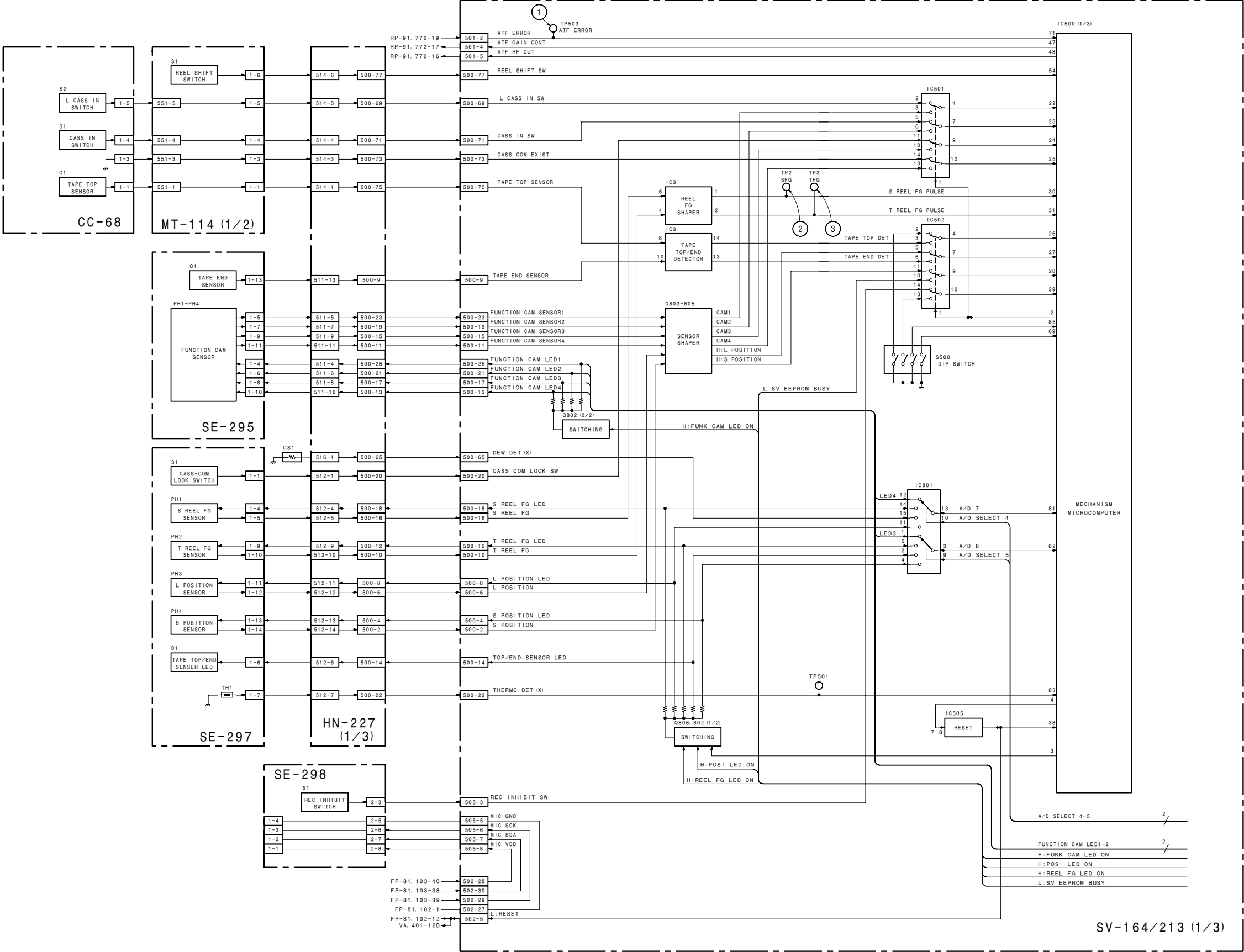
Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)

EE mode
REC mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS
XH5-1AP (for PAL)
100% COLOR BARS



Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)

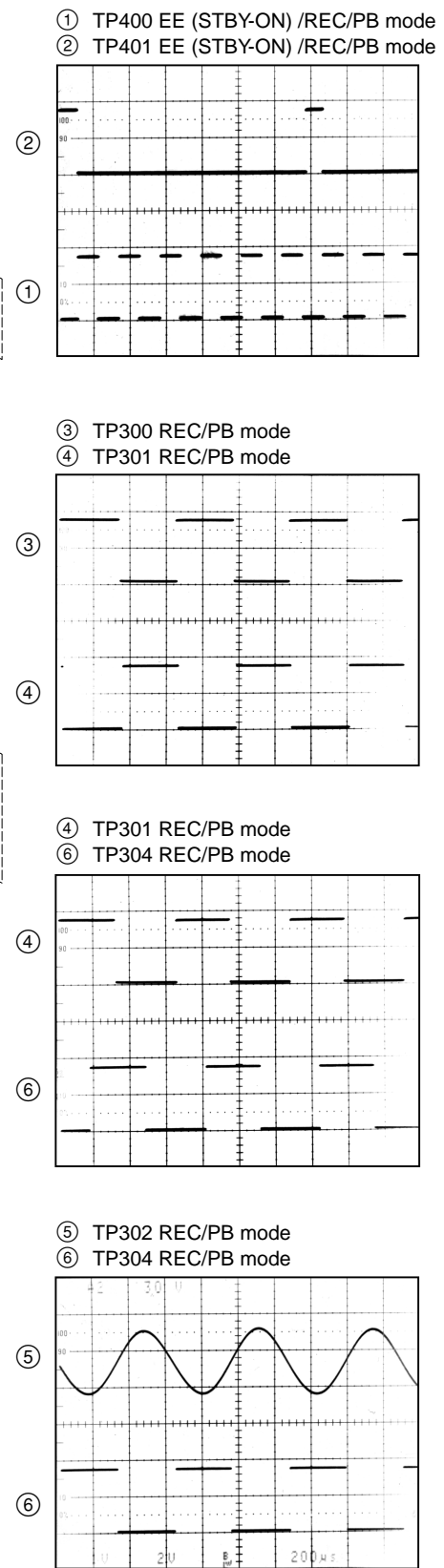
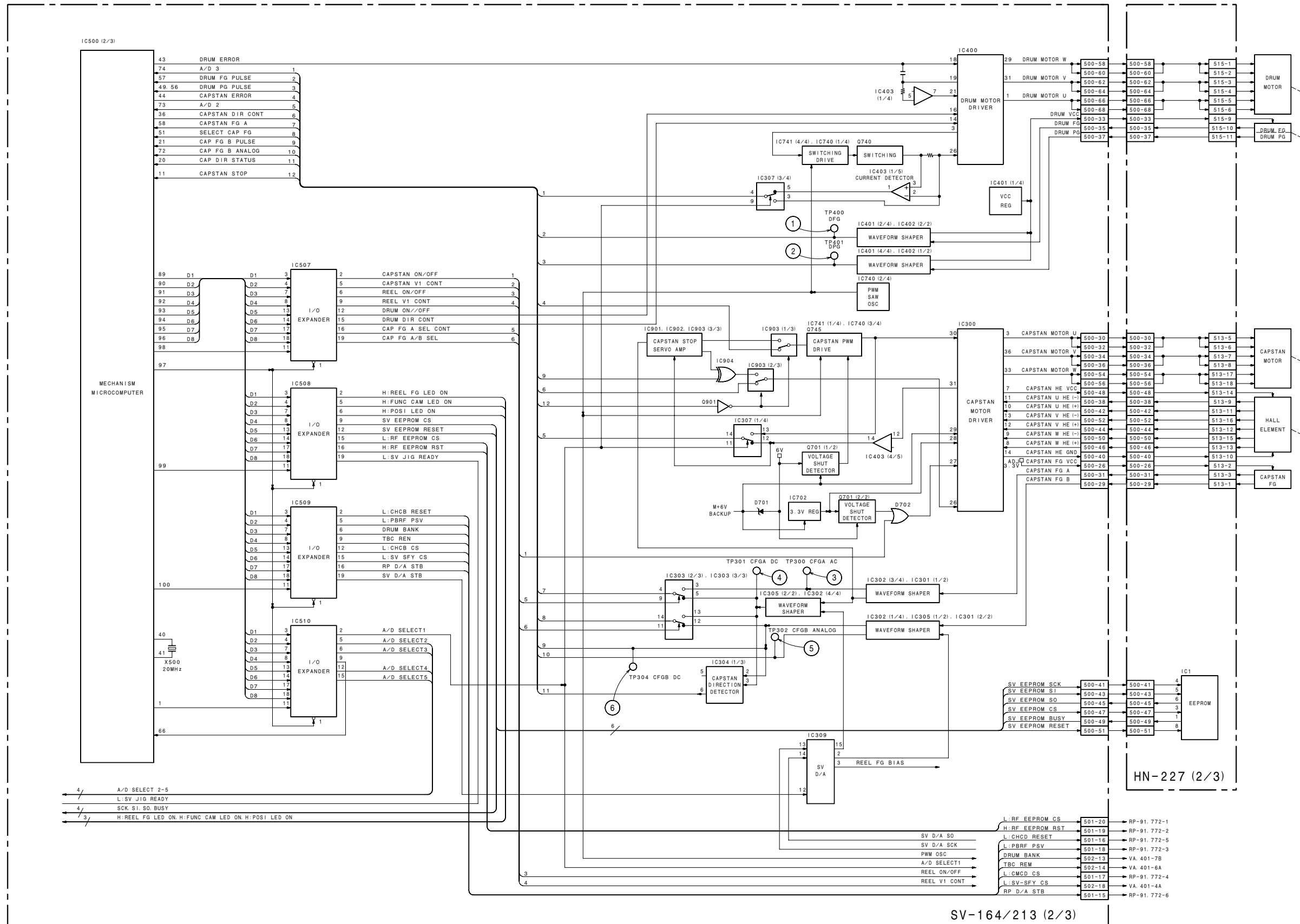
EE mode
REC mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS
XH5-1AP (for PAL)
100% COLOR BARS



Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)

REC mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS
XH5-1AP (for PAL)
100% COLOR BARS

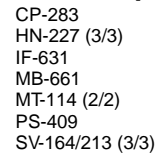
Servo (1/3)
CC-68
HN-227 (1/3)
MT-114 (1/2)
SE-295
SE-297
SV-164/213 (1/3)



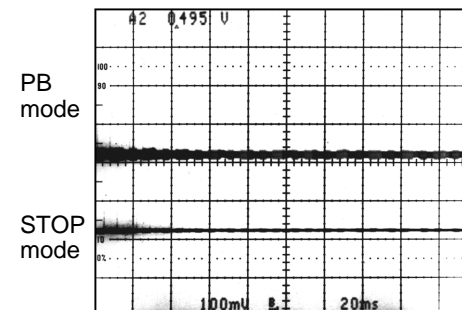
Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)

EE mode
REC mode : XH5-1A (for NTSC)
PB mode : XH5-1AP (for PAL)
75% COLOR BARS
100% COLOR BARS

Servo (2/3)
HN-227 (2/3)
SV-164/213 (2/3)



DSR-1/1P/V2



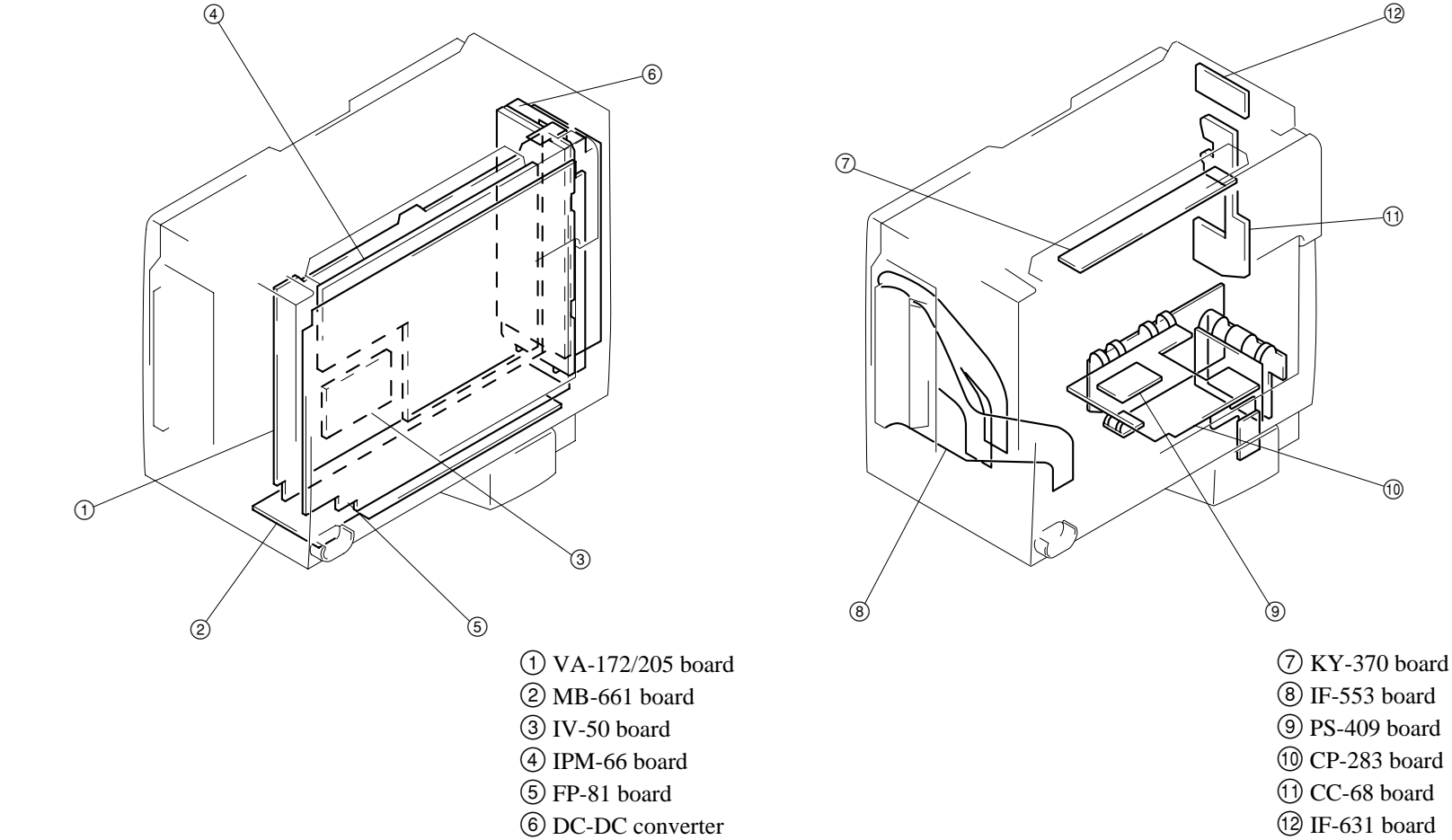
Section 16
Schematic Diagrams

Circuit Configuration

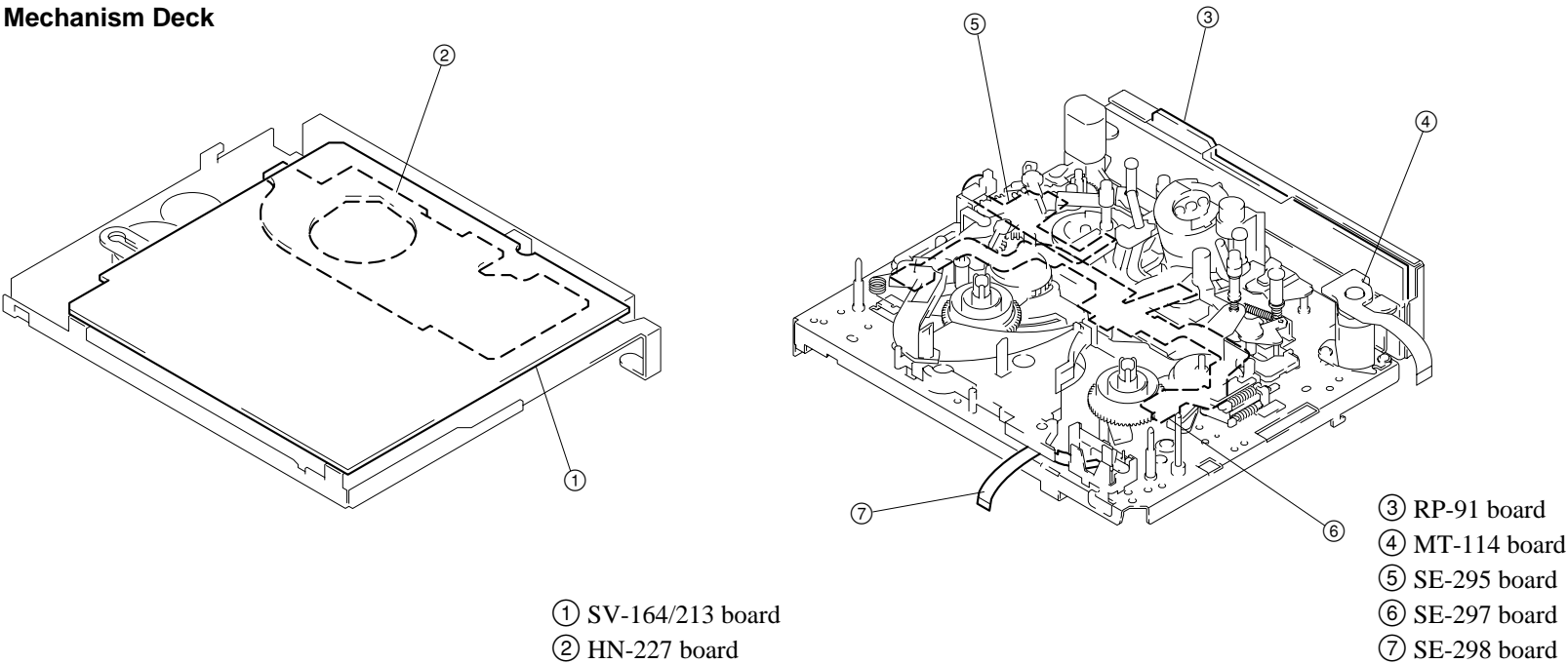
The circuit information is provided below.

System	Board Name	Circuit Function	Page
Video	IPM-66	Index picture	16-38
	IV-50	Analog video (Input)	16-34
Video/Audio	RP-91	REC/PB RF amp CHCD (Channel coding)	16-48
	VA-172	Video/Audio	16-3 (a)
	VA-172P	Video/Audio	16-19 (a)
	VA-205B	Video/Audio	16-3 (b)
	VA-205C	Video/Audio	16-19 (b)
Audio	FP-81	Audio select/limitter	16-56
Servo	CC-68	Cassette compartment switch Tape top sensor	16-70
	HN-227	Servo-mech. deck interface	16-70
	MT-114	Reel shift motor/switch	16-70
	SE-295	Function cam sensor Tape end sensor	16-70
	SE-297	Reel FG sensor Reel shift sensor Cassette compartment lock switch	16-70
	SE-298	MIC REC inhibit switch	16-73
	SV-164	Servo	16-62 (a)
	SV-213	Servo	16-62 (b)
Syscon	KY-370	Function key	16-71
Syscon/Other	FP-81	System control TC generator TC switch	16-52
Others	CP-283	Audio in/out connector Audio MIC amp Video out connector TC in/out connector	16-60
	IF-553	76pin/50pin connector	16-72
	IF-631	Service jig connector	16-73
	MB-661	Motherboard	16-74
	PS-409	Circuit protector	16-73
—	Frame	—	16-76

Main Unit

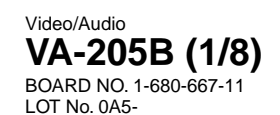


Mechanism Deck





VA-205B (1/8)



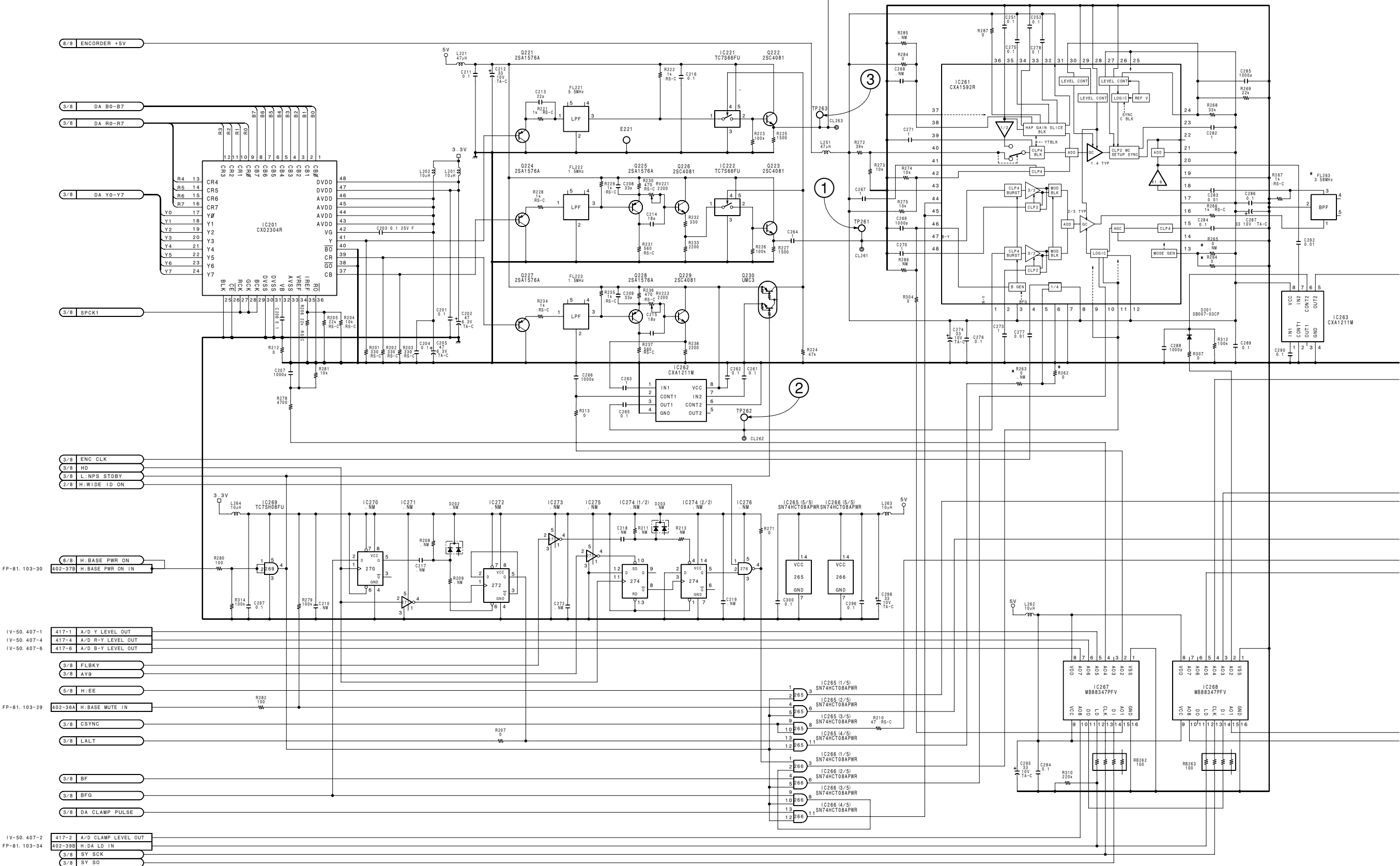
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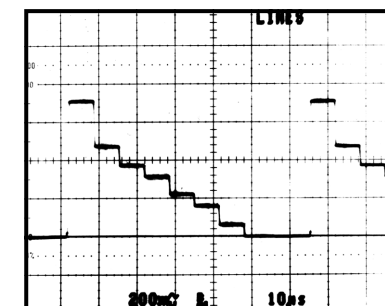
2

3

4

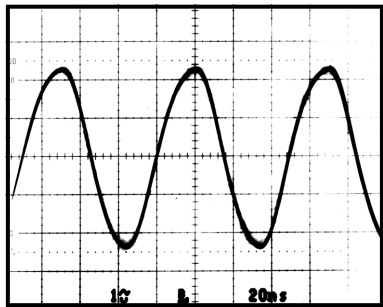
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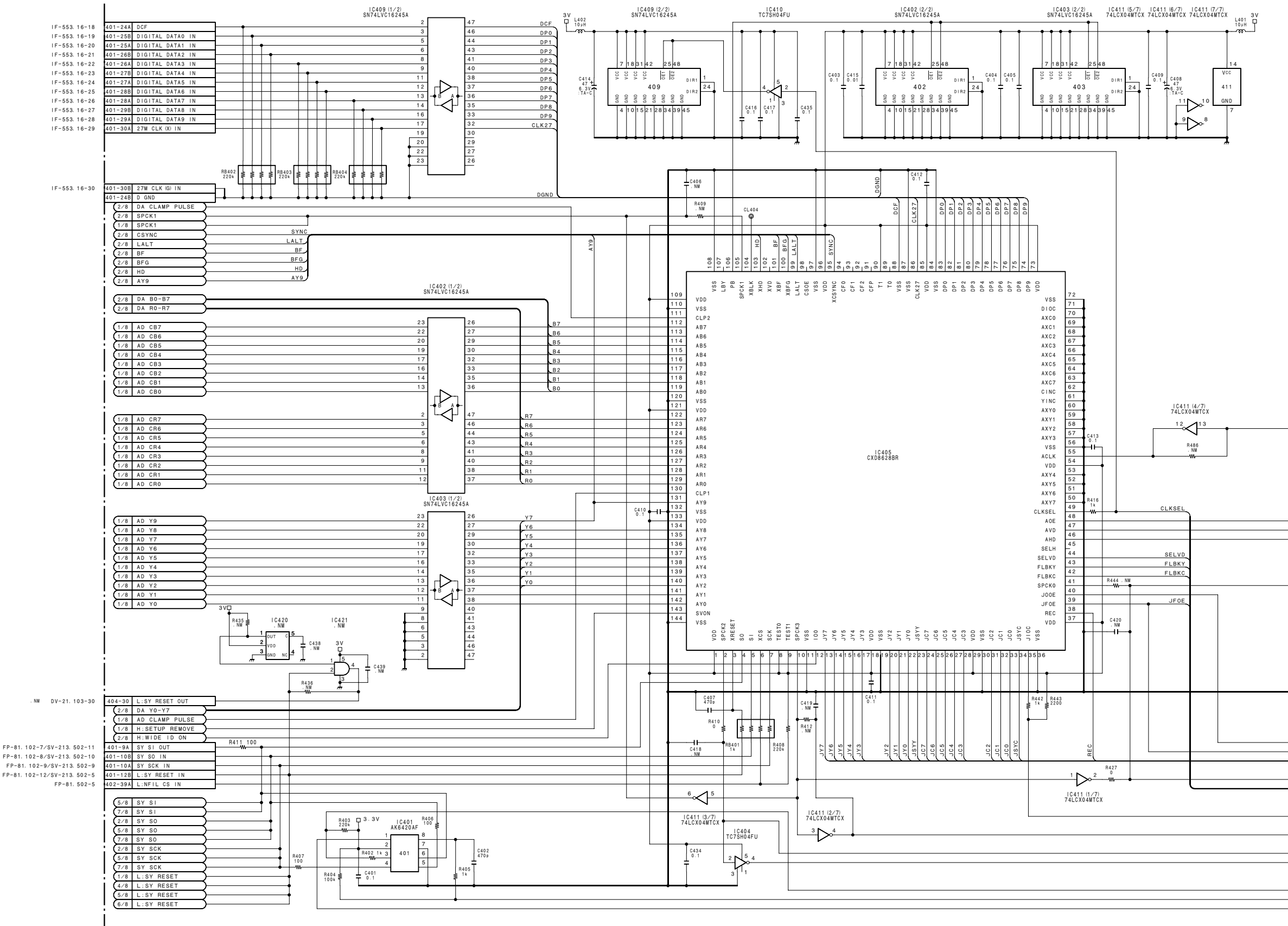


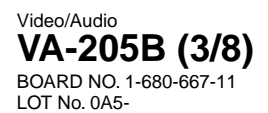
EE mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS

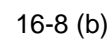
① TP402 EE/PB mode

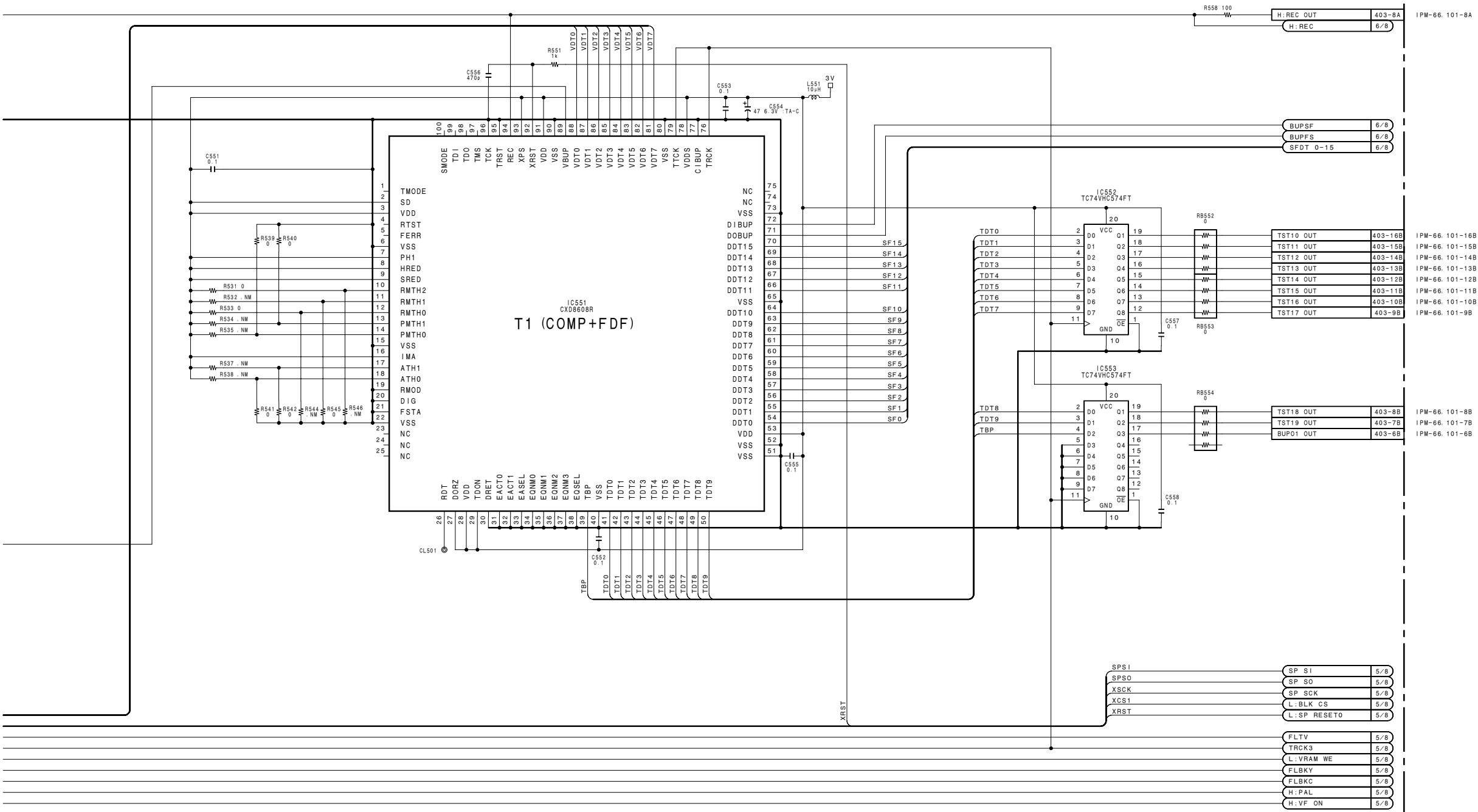


Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5%
EE mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS



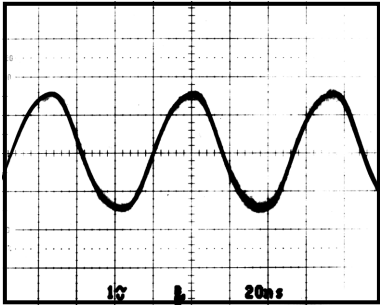






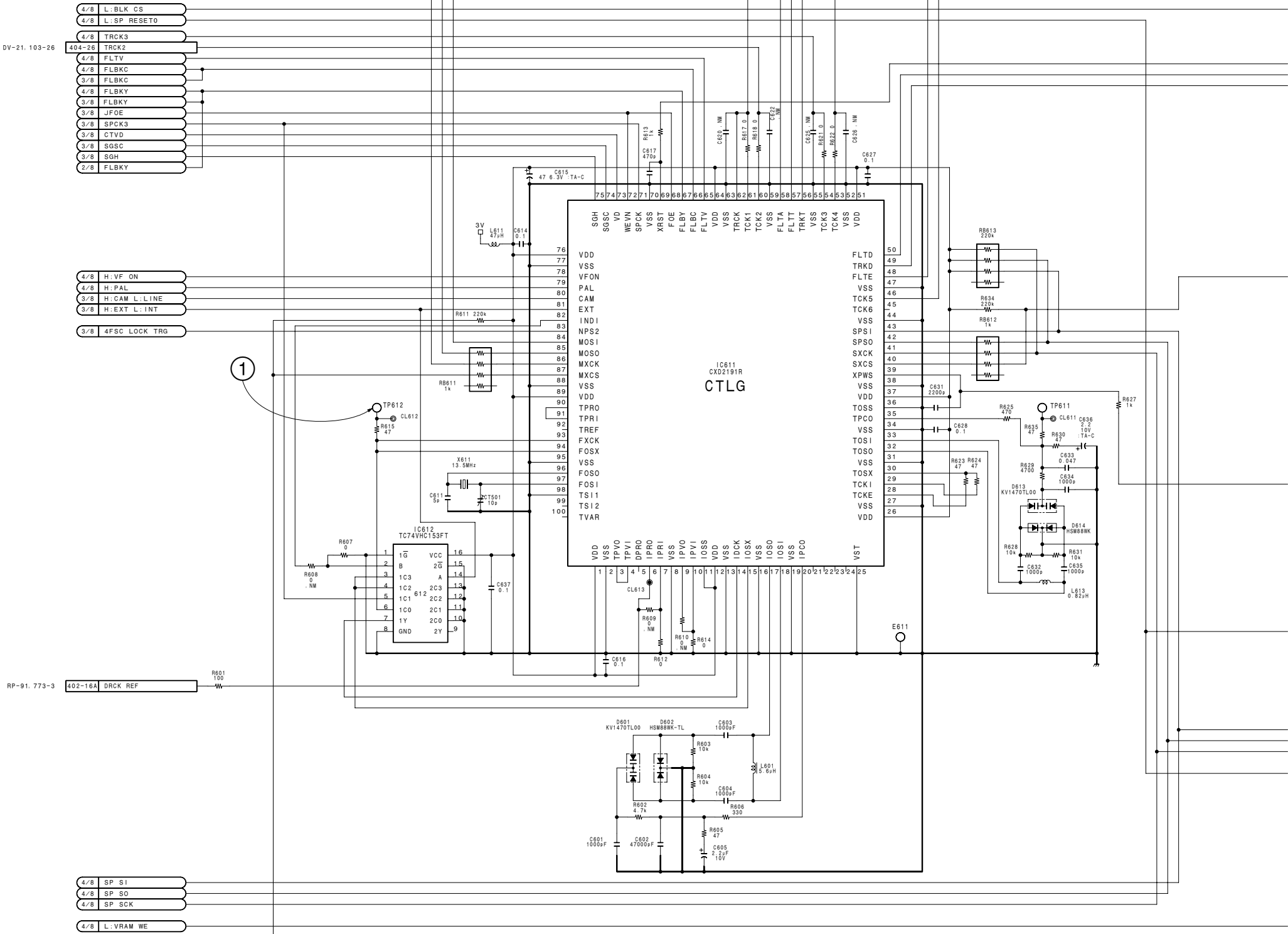
Video/Audio
VA-205B (4/8)
BOARD NO. 1-680-667-11
LOT No. 0A5-

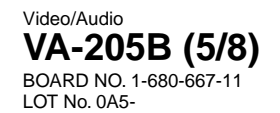
① TP612 EE/PB mode



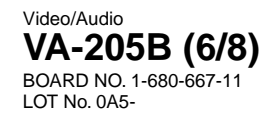
Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5%
EE mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS

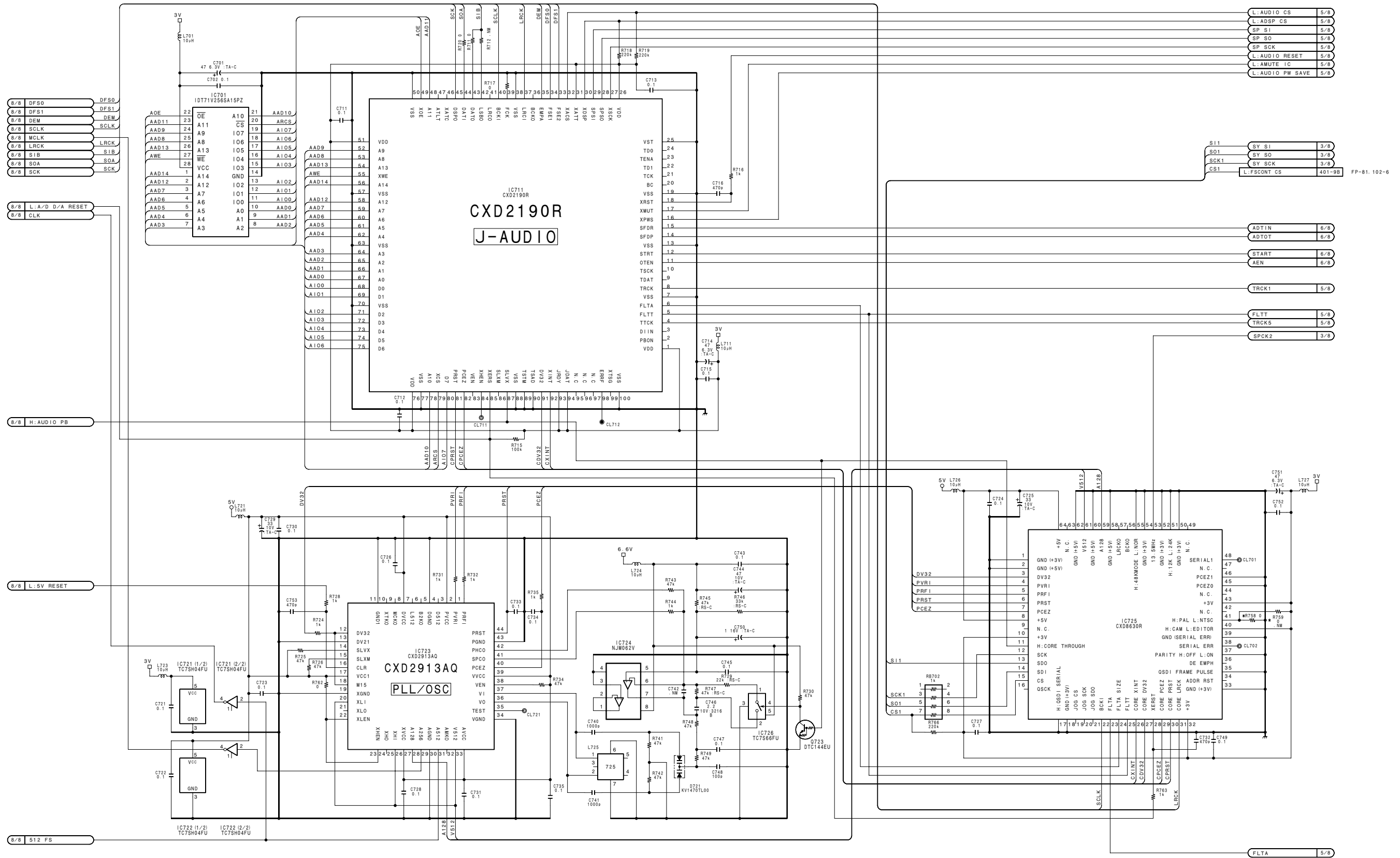
.NM DV-21.103-26



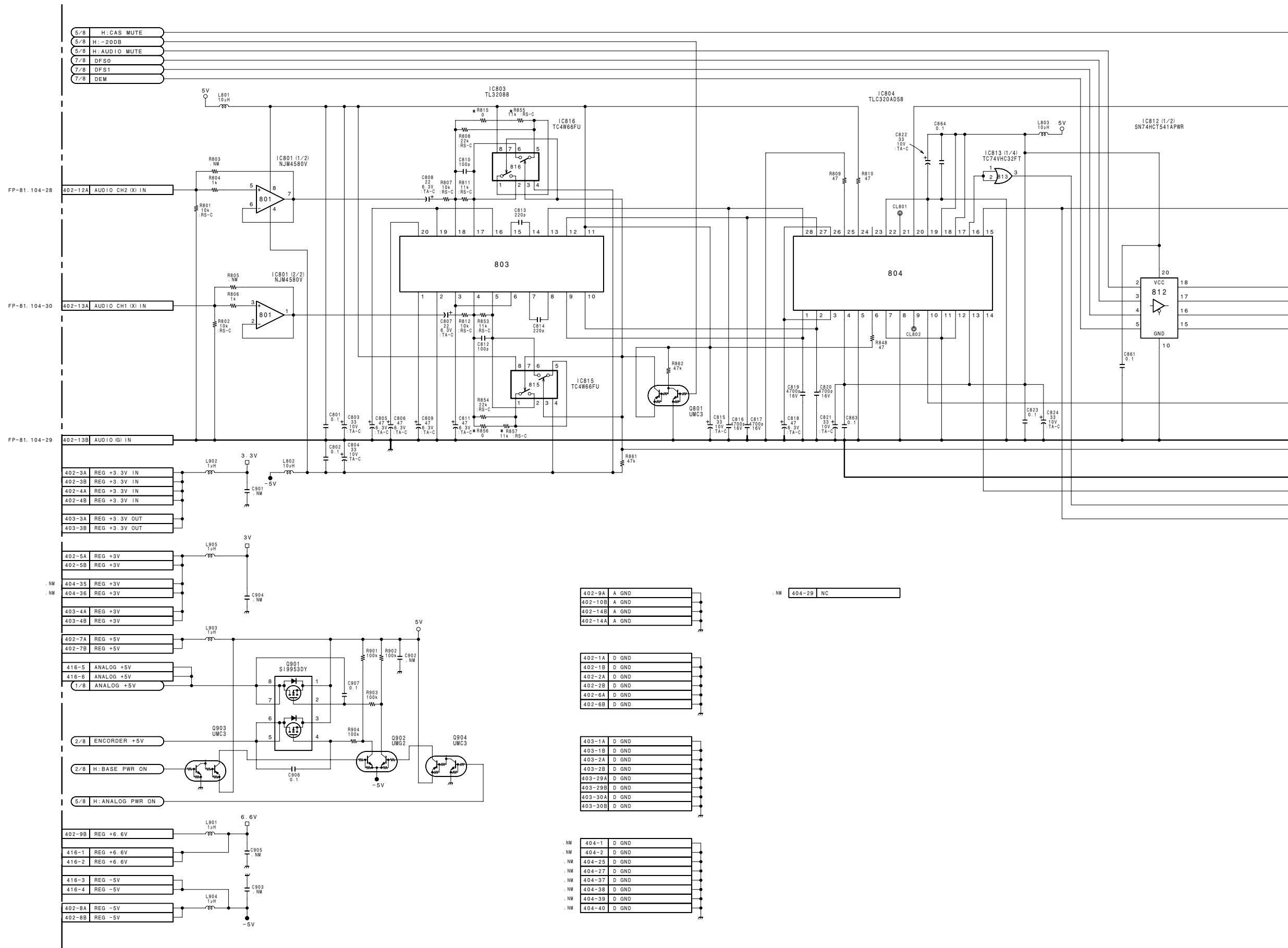






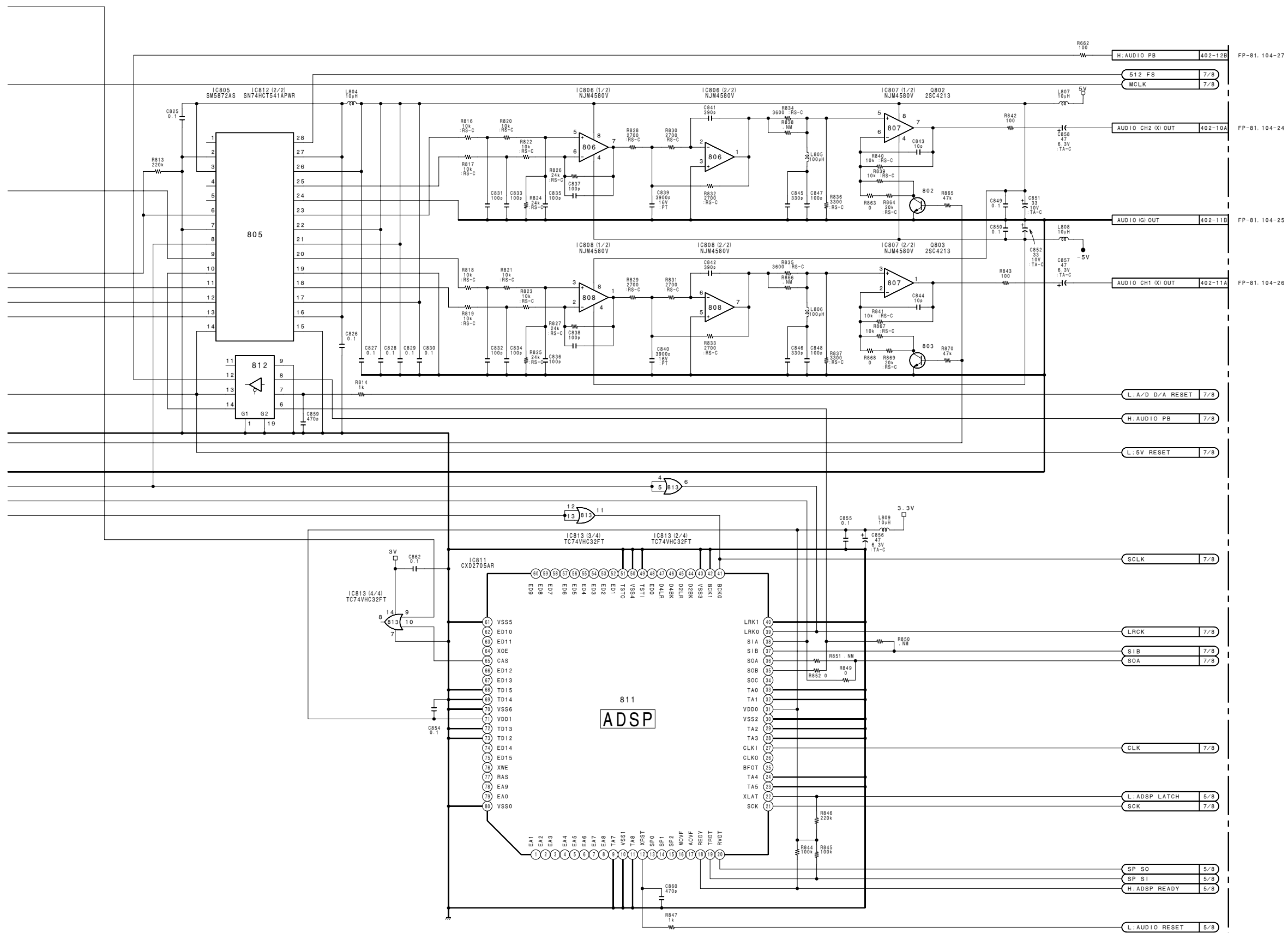


Video/Audio
VA-205B (7/8)
BOARD NO. 1-680-667-11
LOT No. 0A5-

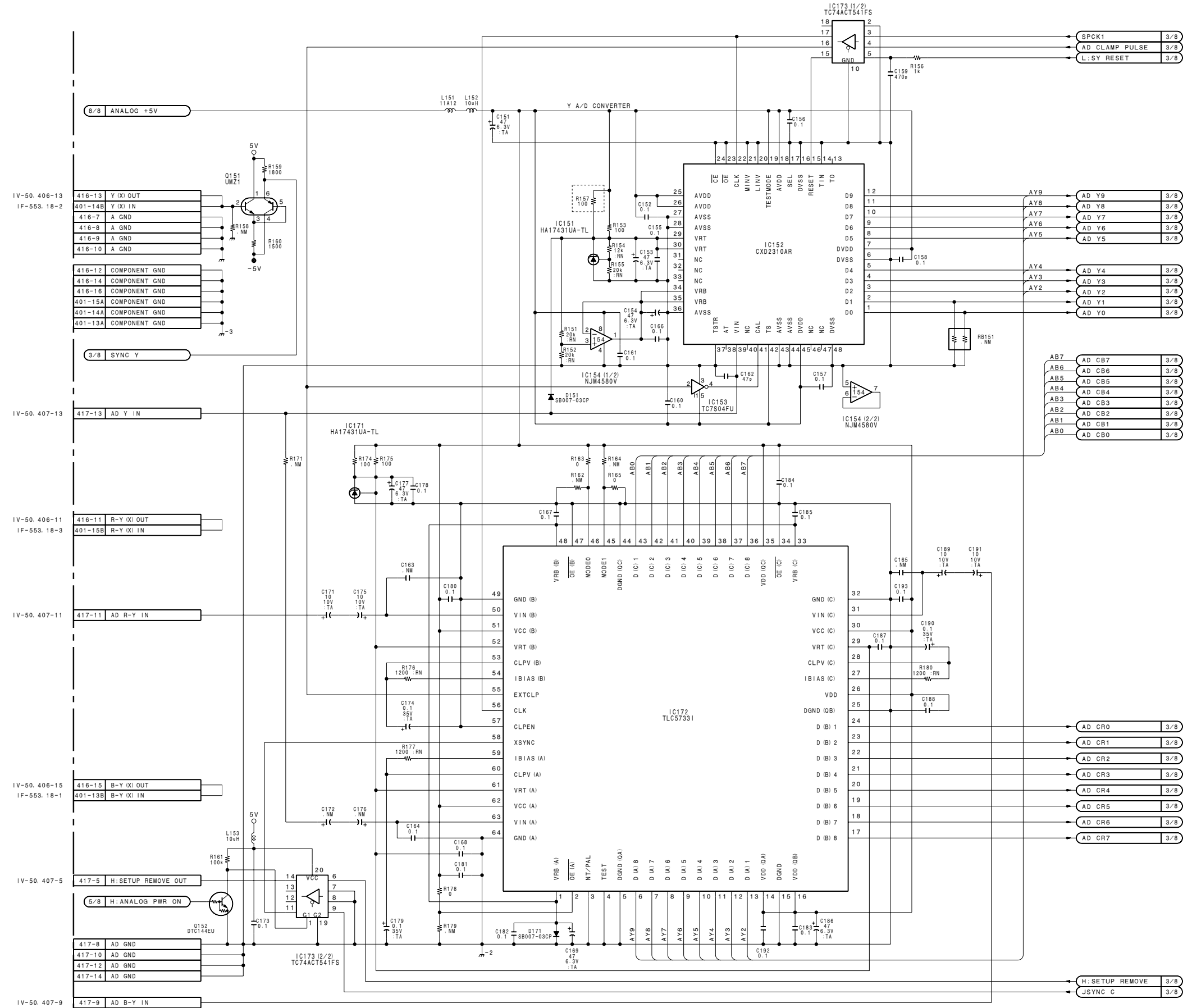


16-16 (b)

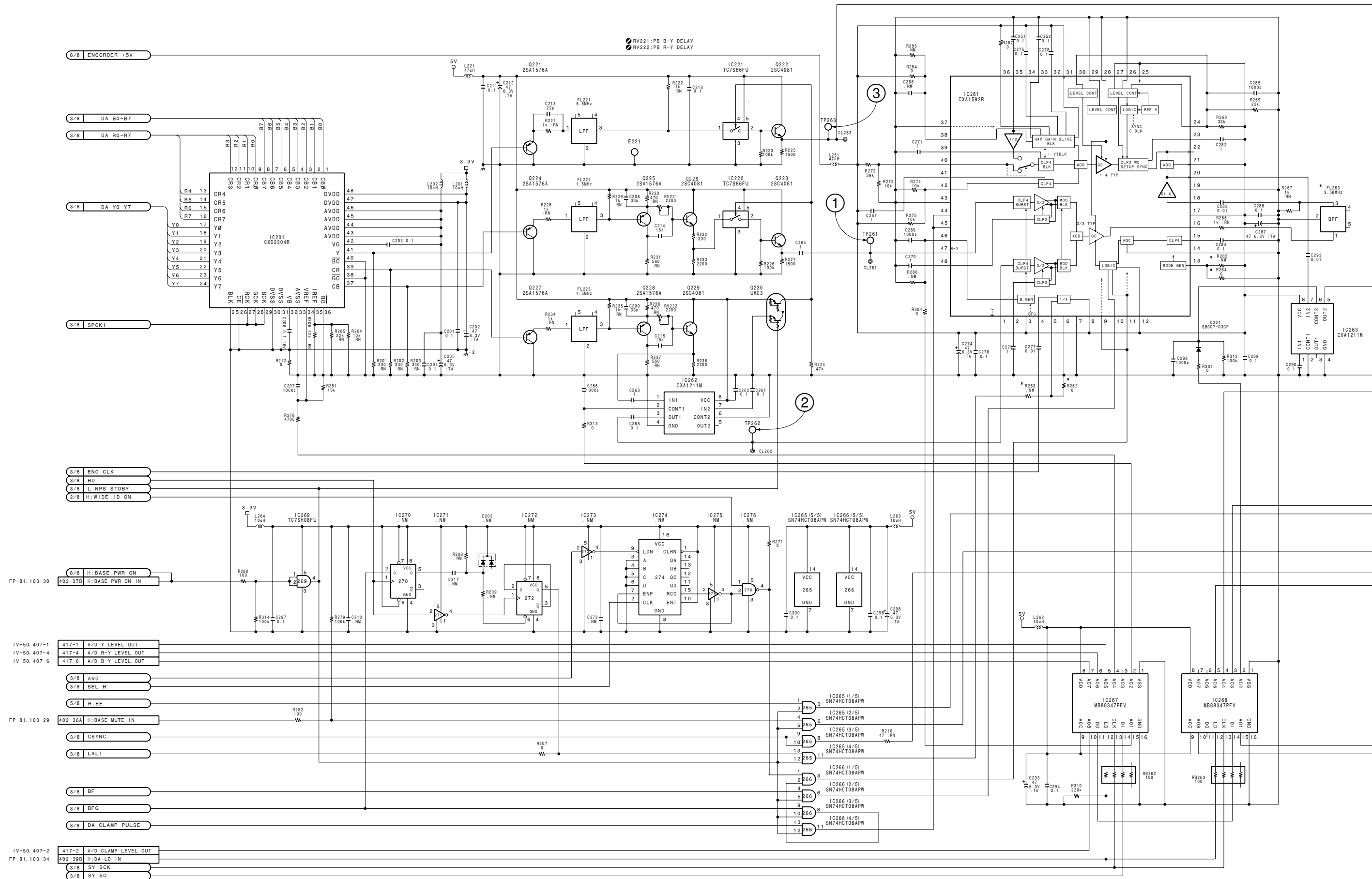
16-16 (b)

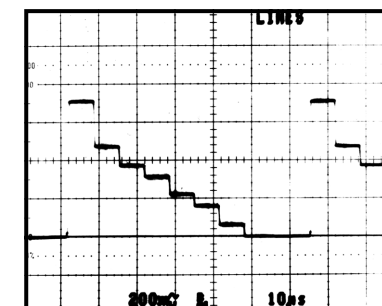
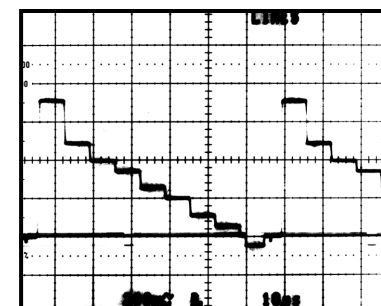
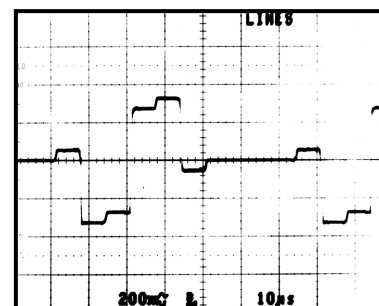
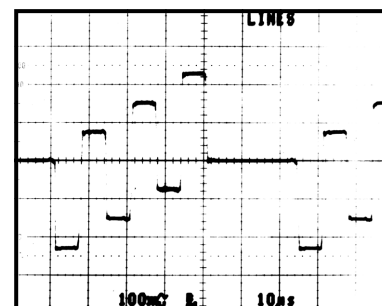


Video/Audio
VA-205B (8/8)
BOARD NO. 1-680-667-11
LOT No. 0A5-



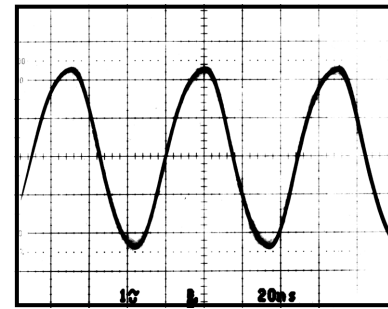
Video/Audio
VA-172 (1/8)
BOARD NO. 1-662-868-12
LOT No. 605-0A4
B-A8277835A-605H



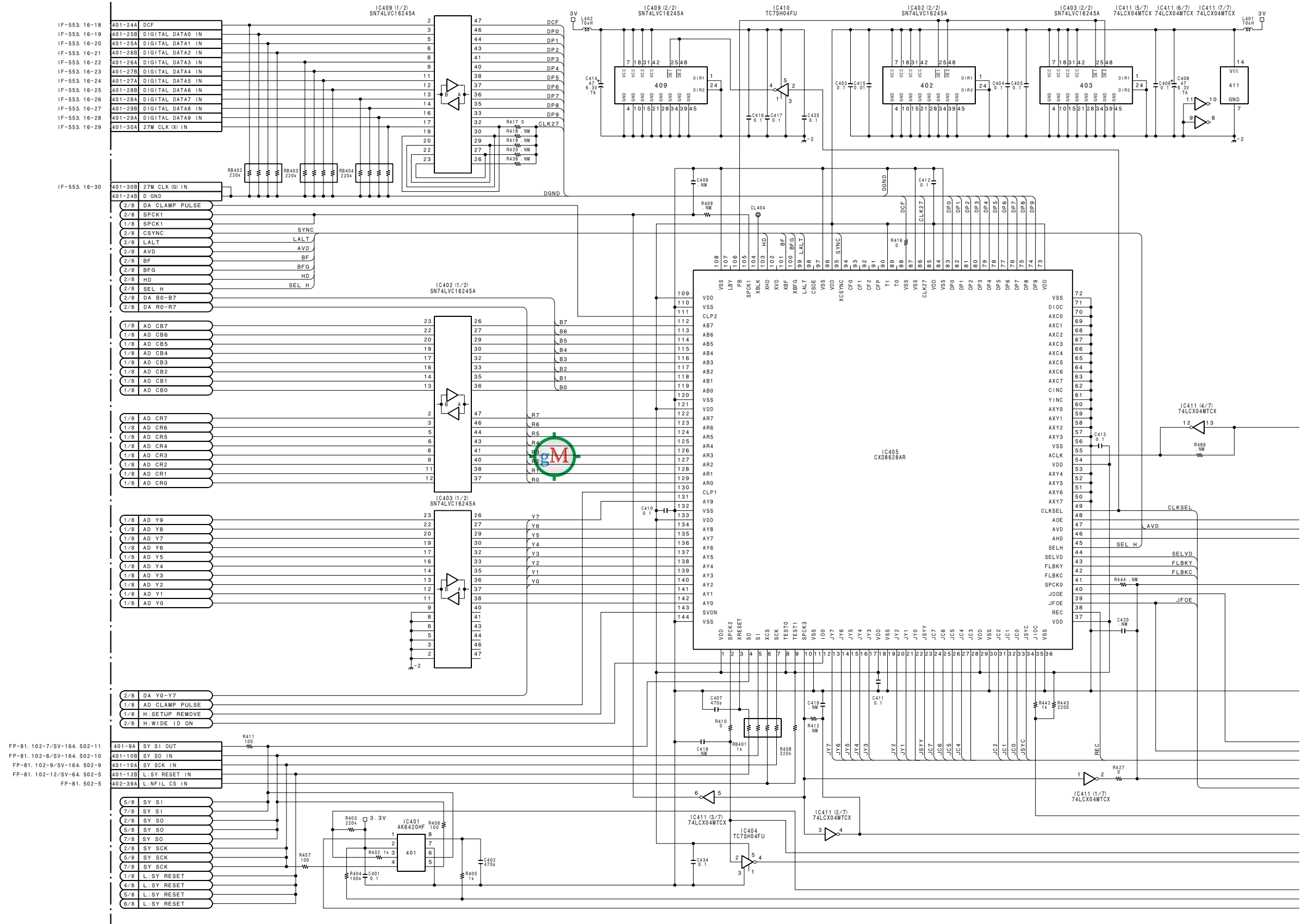


EE mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS

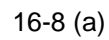
① TP402 EE/PB mode

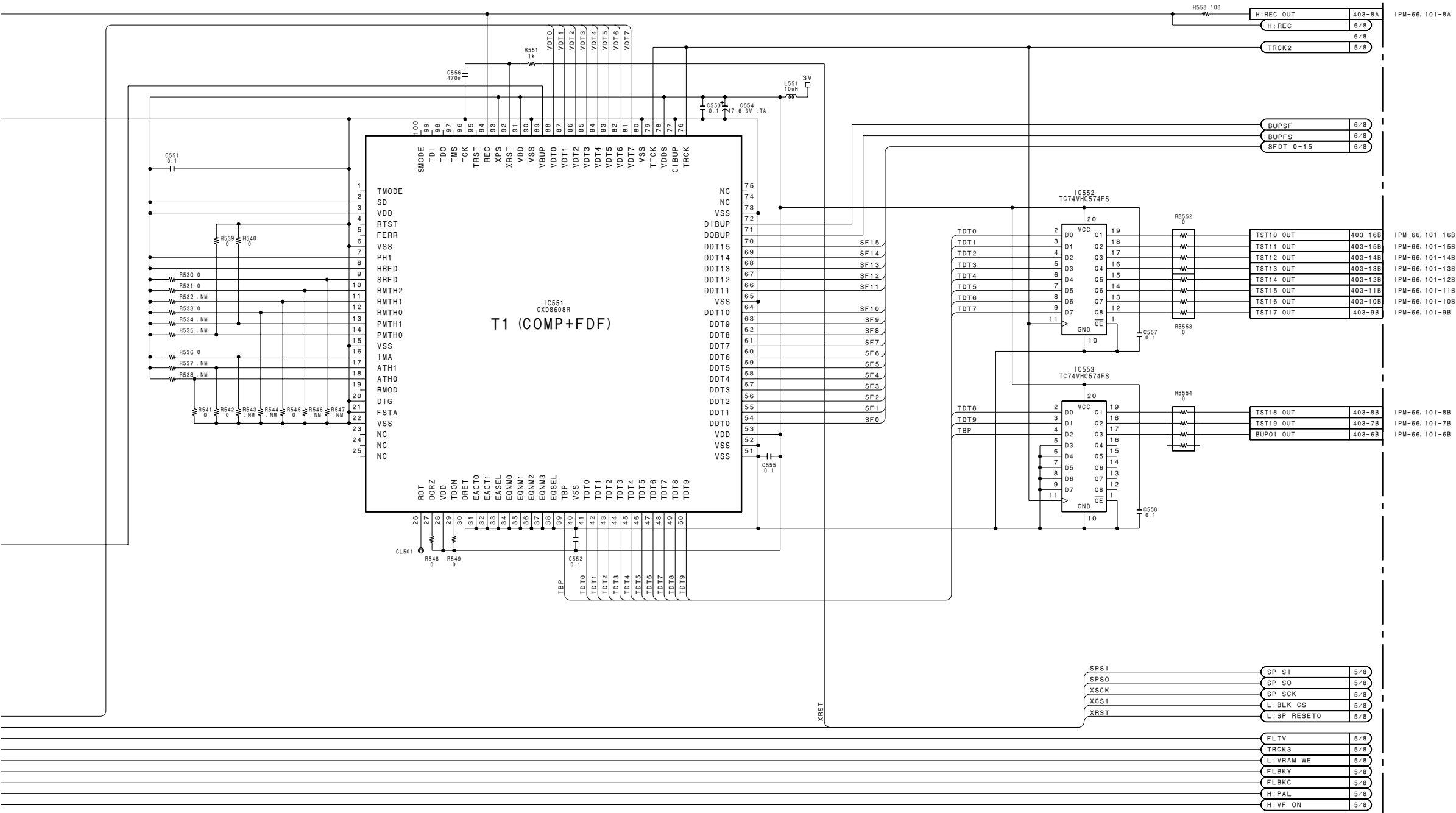


Measurement Condition
Y, R-Y, B-Y: 75% COLOR BARS
SETUP 7.5%
EE mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS



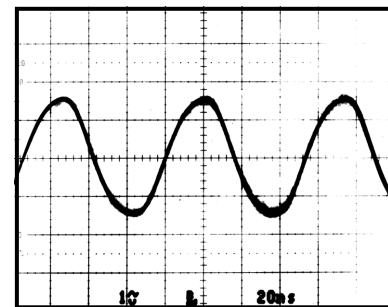






Video/Audio
VA-172 (4/8)
BOARD NO. 1-662-868-12
LOT No. 605-0A4
B-A8277835A-605H

① TP612 EE/PB mode

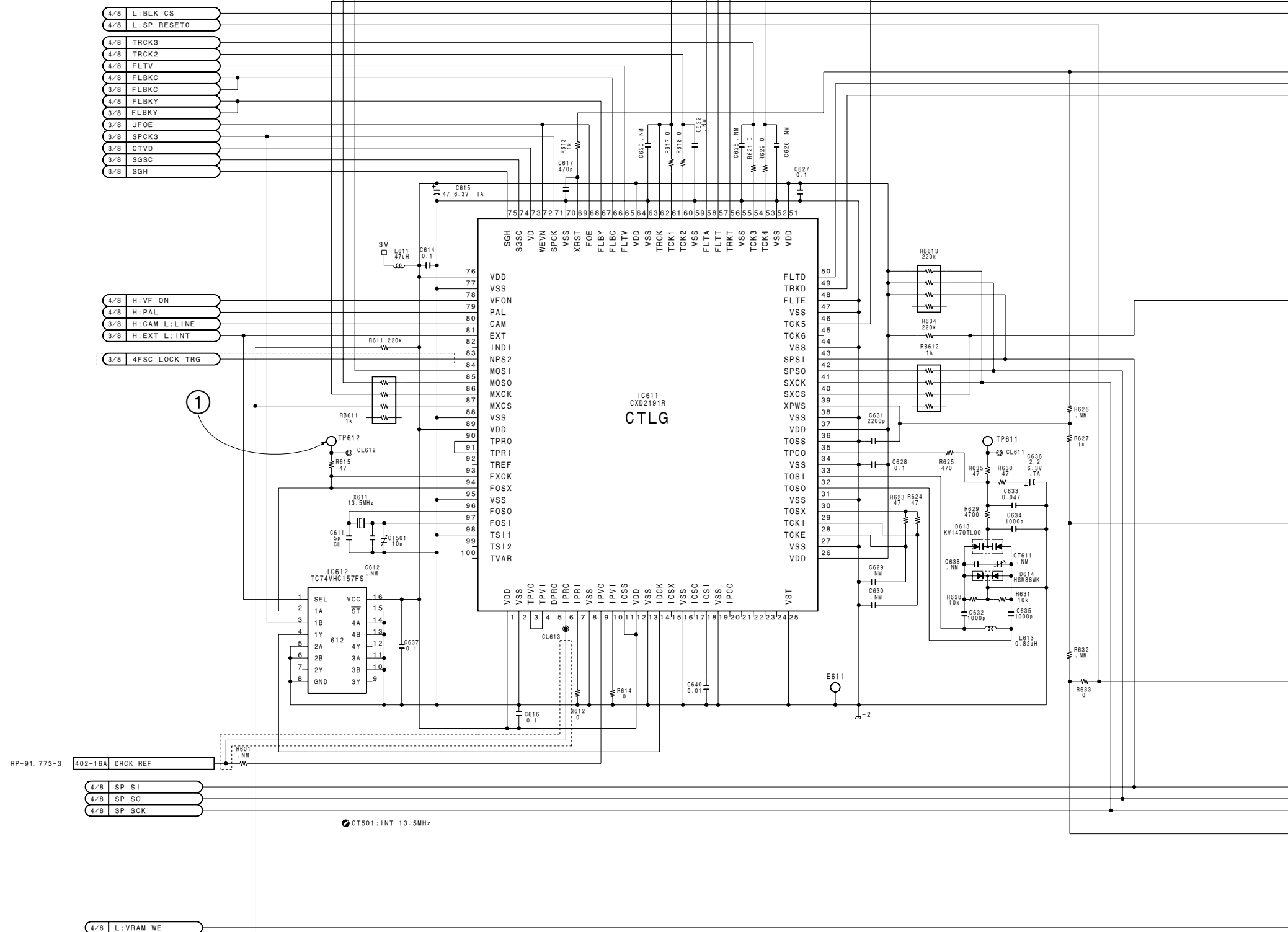


Measurement Condition

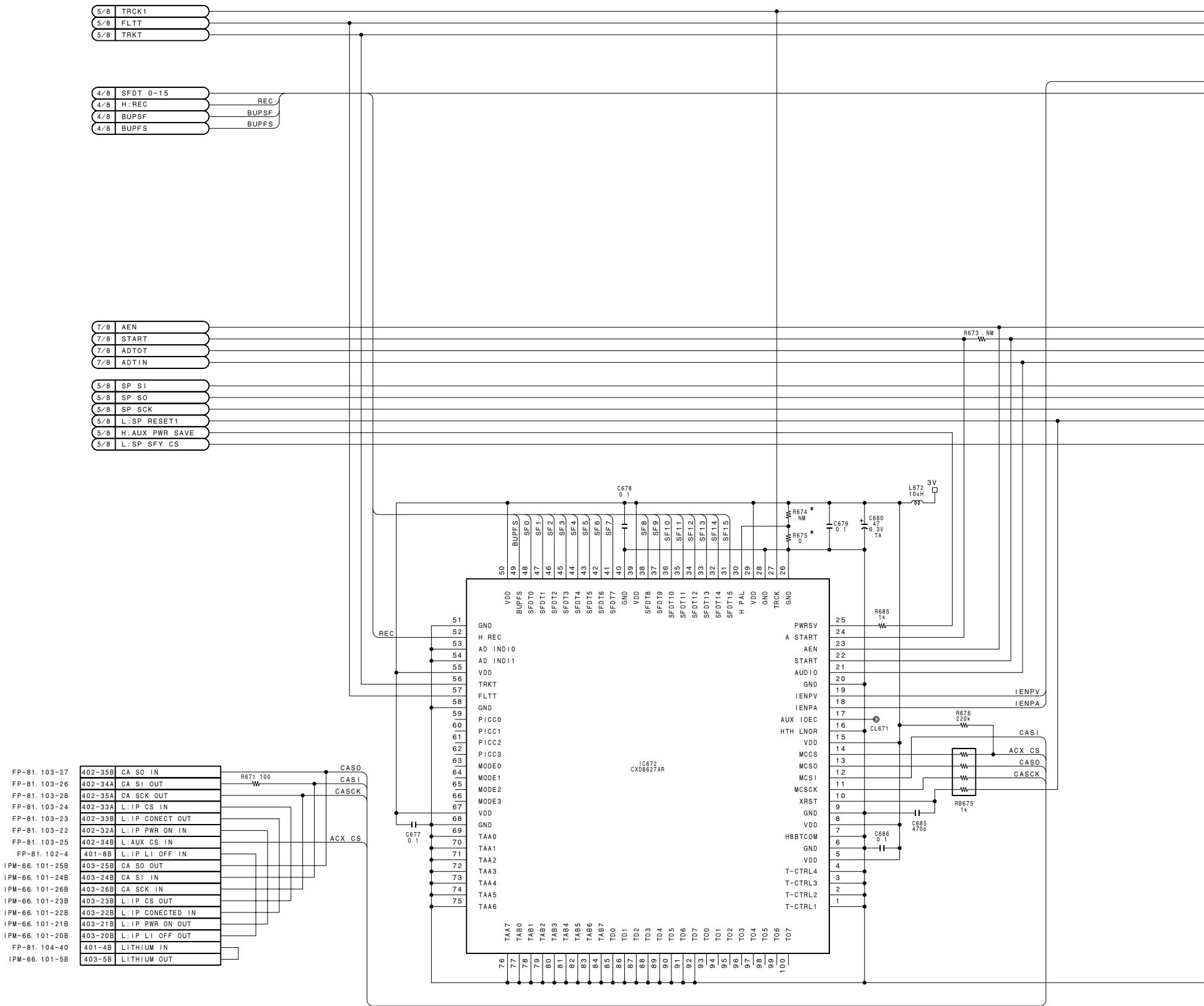
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5%

EE mode

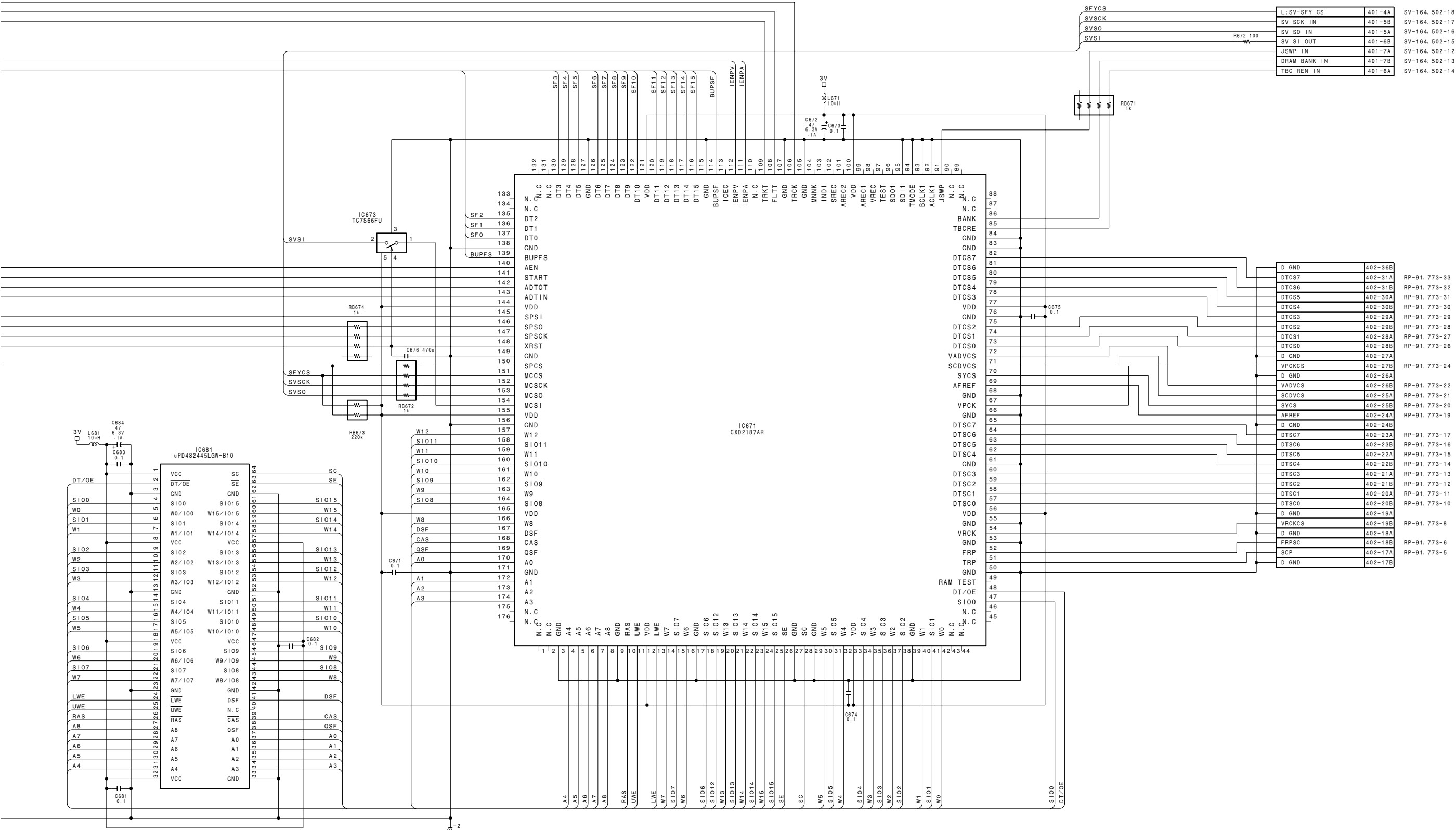
PB mode : XH5-1A (for NTSC)
75% COLOR BARS



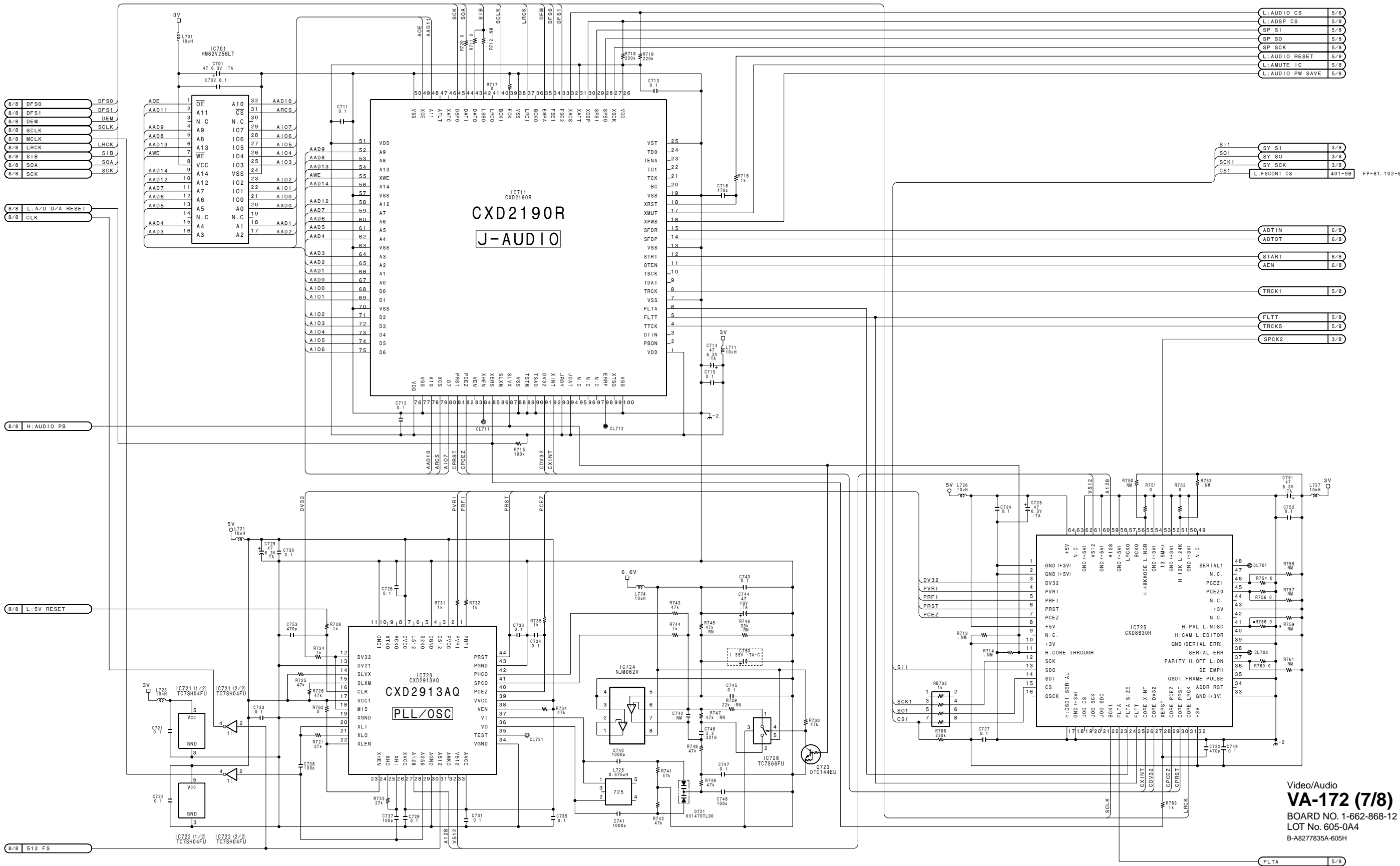
5



16-12 (a)



Video/Audio
VA-172 (6/8)
BOARD NO. 1-662-868-12
LOT No. 605-0A4
B-A8277835A-605H



Video/Audio
VA-172 (7/8)
BOARD NO. 1-662-868-12
LOT No. 605-0A4
B-A8277835A-605H

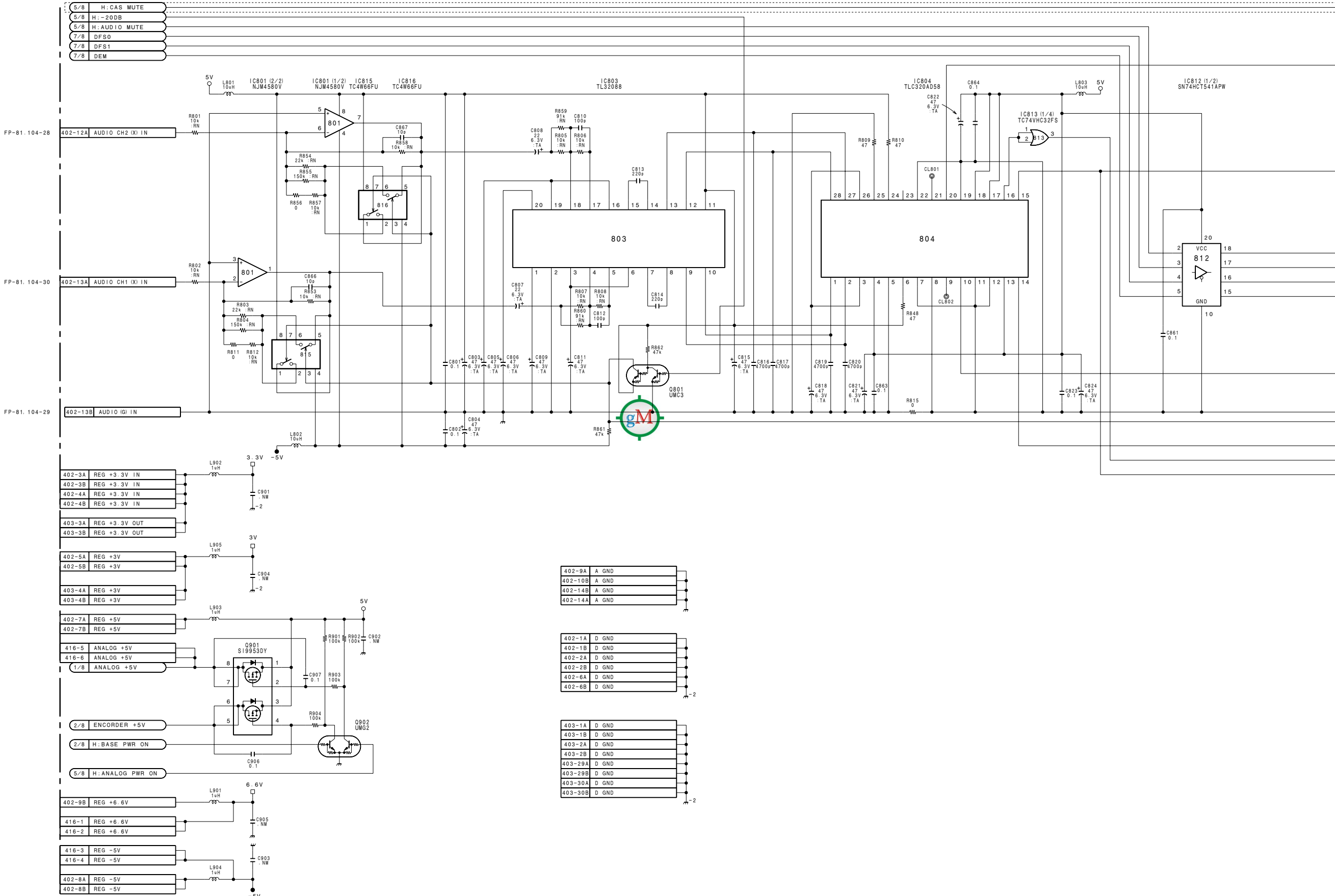
1

2

3

4

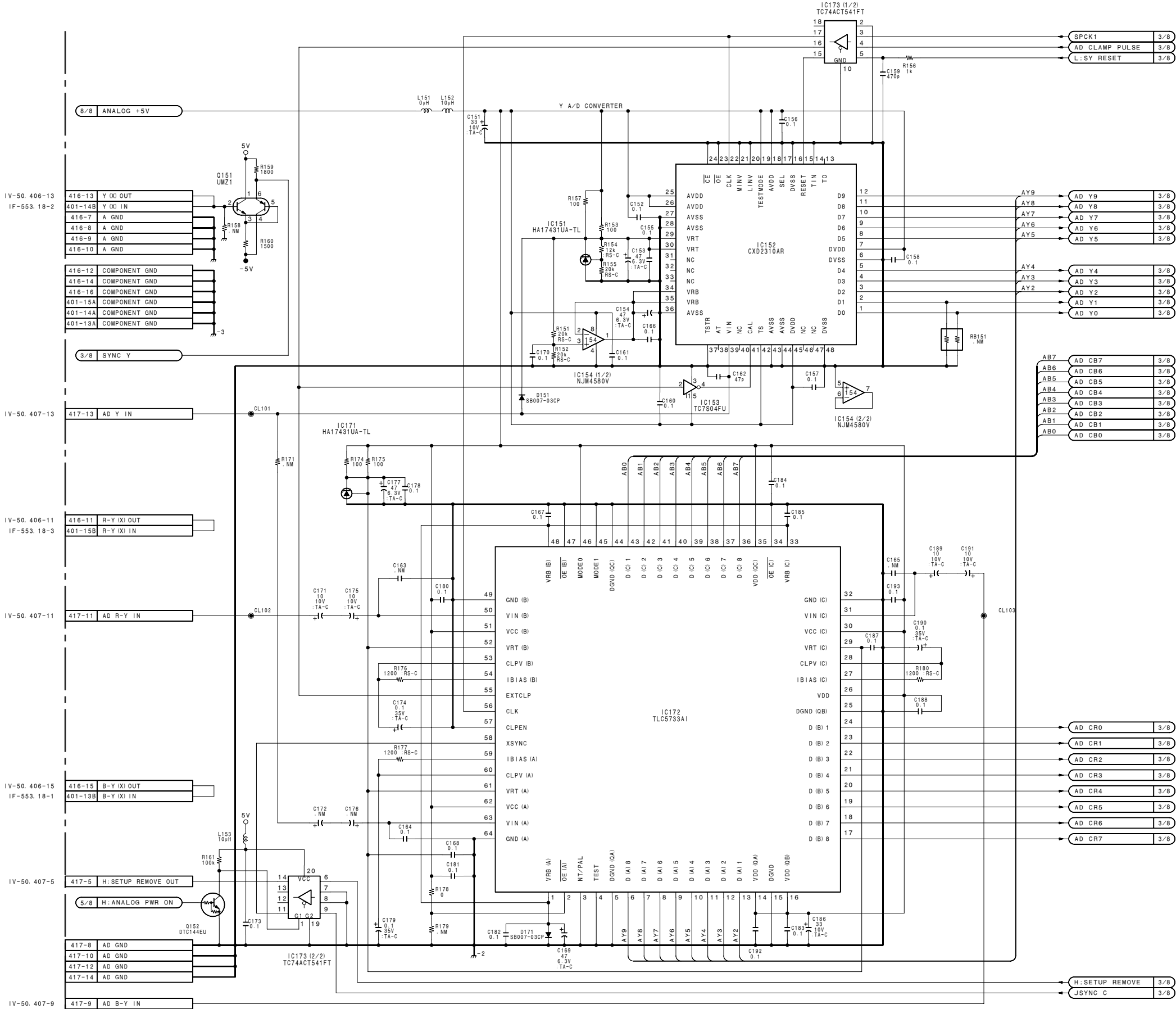
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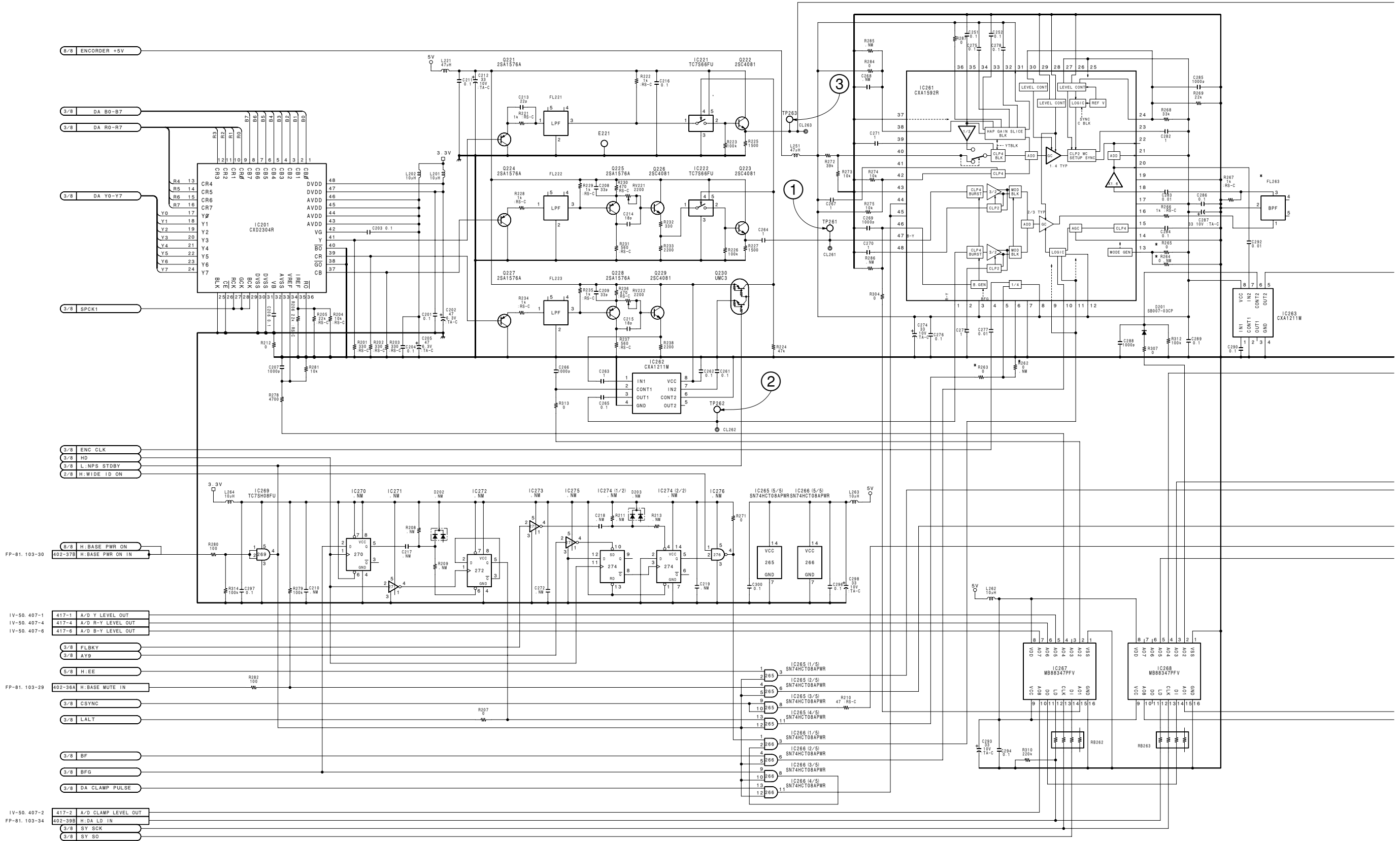
16-16 (a)

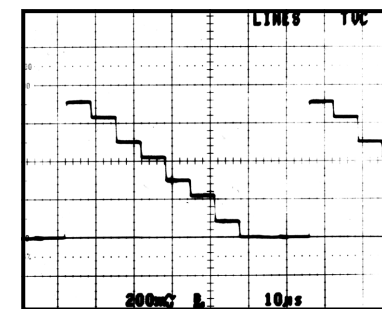
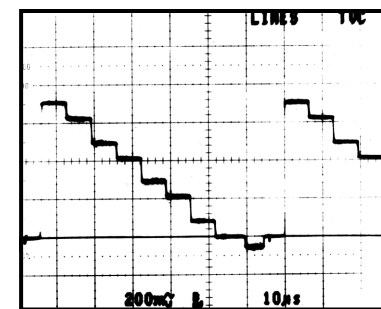
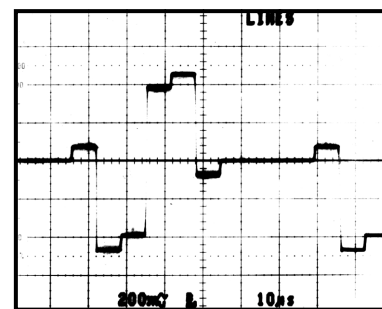
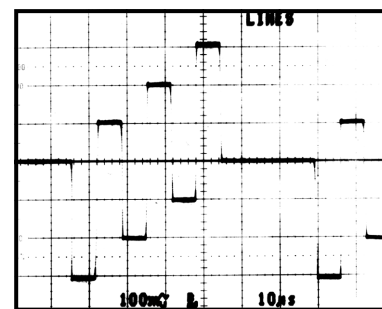
16-16 (a)





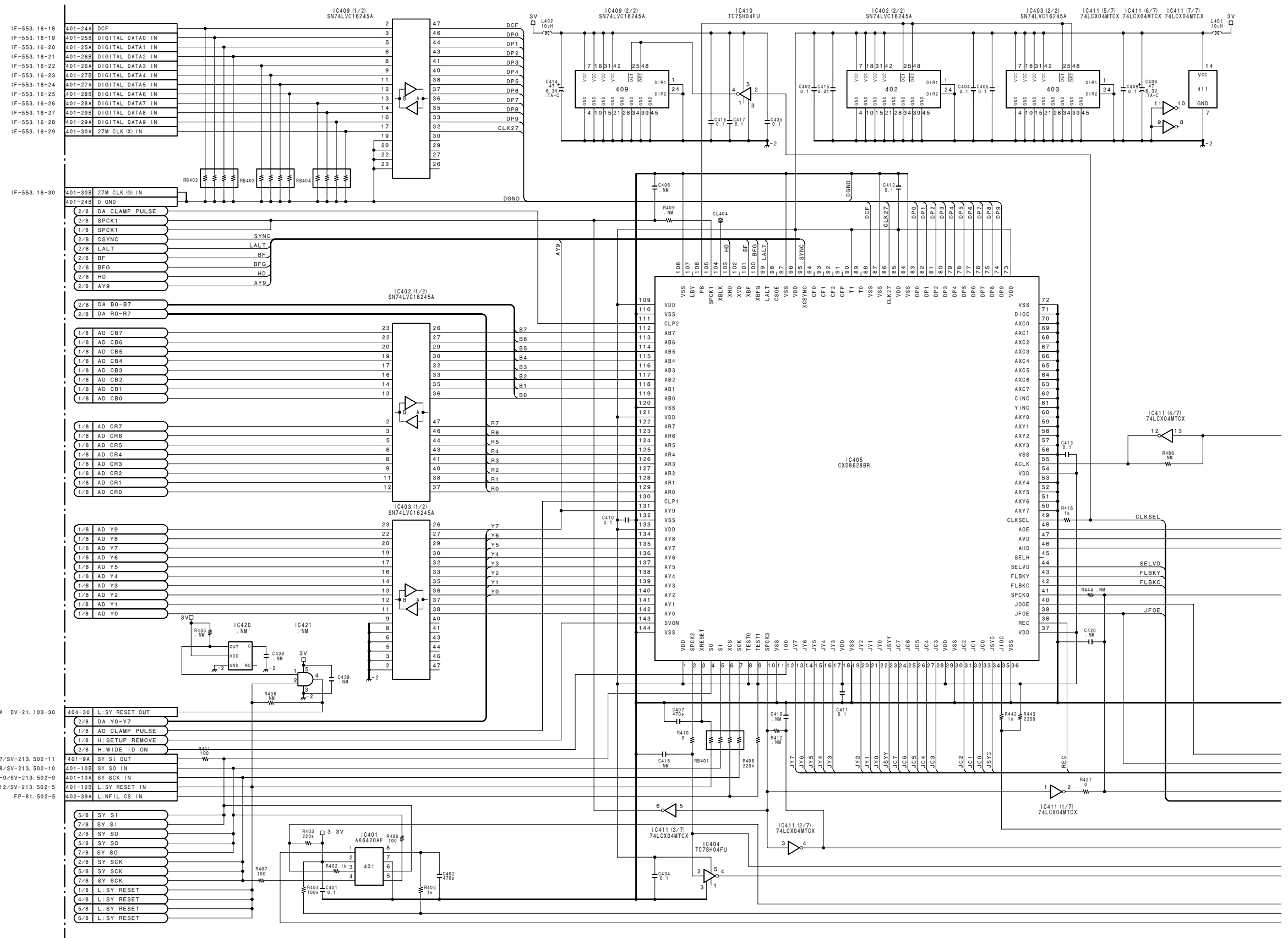
Video/Audio
VA-205C (1/8)
BOARD NO. 1-680-667-11
LOT No. 0A5-



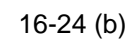


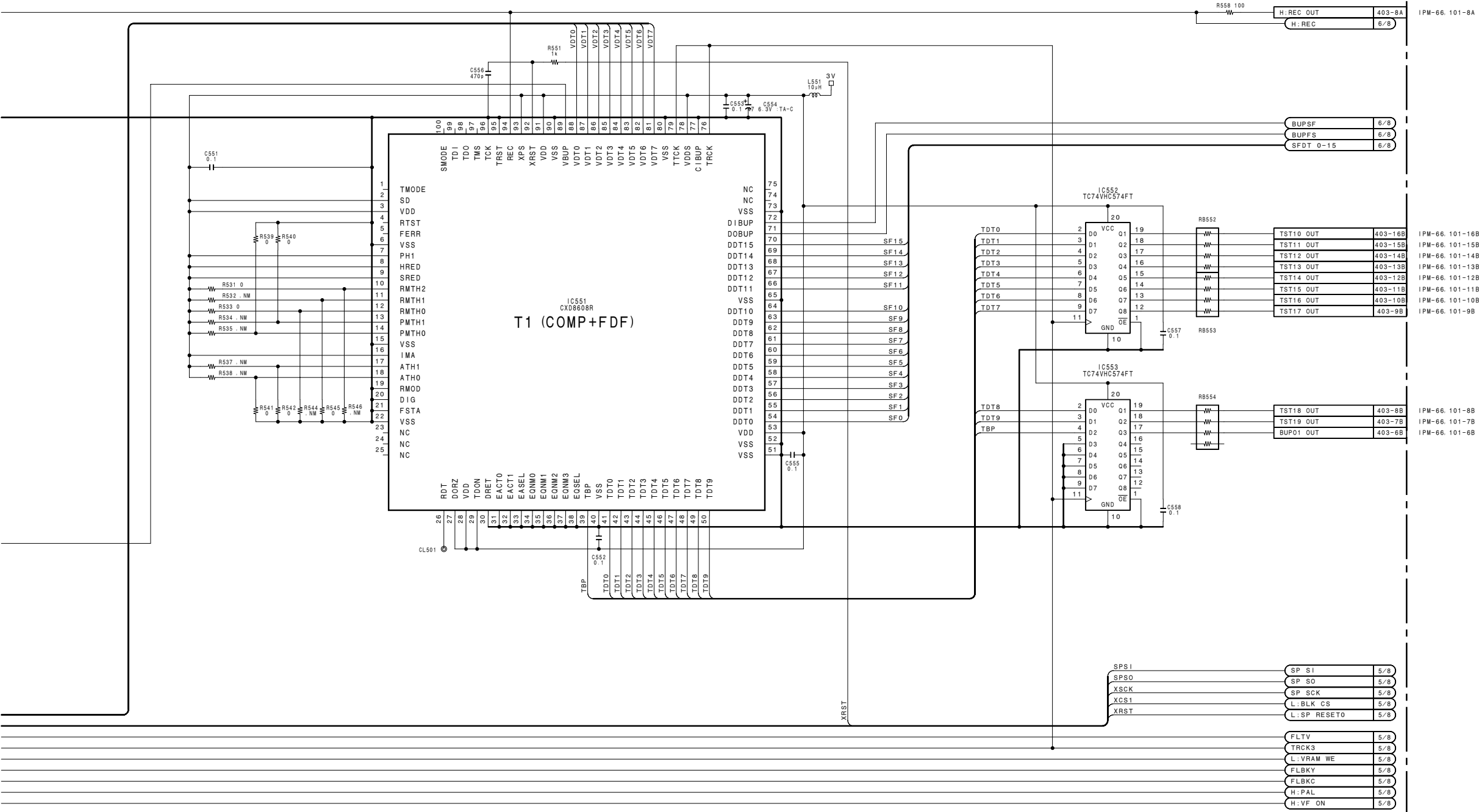
Measurement Condition
Y, R-Y, B-Y : 100% COLOR BARS
EE mode
PB mode : XH5-1AP (for PAL)
100% COLOR BARS

PB mode : XH5-1AP (for PAL)
100% COLOR BARS

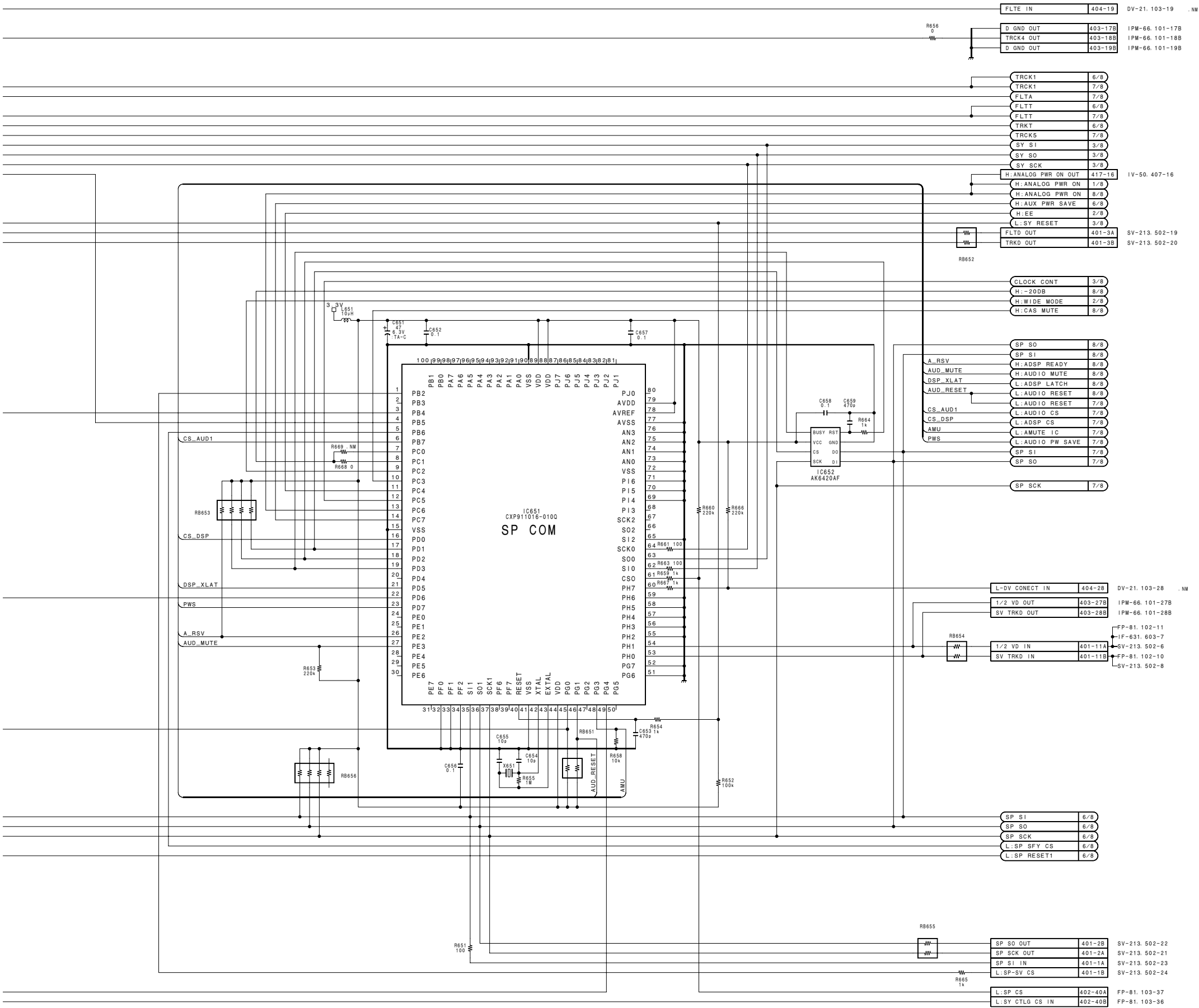


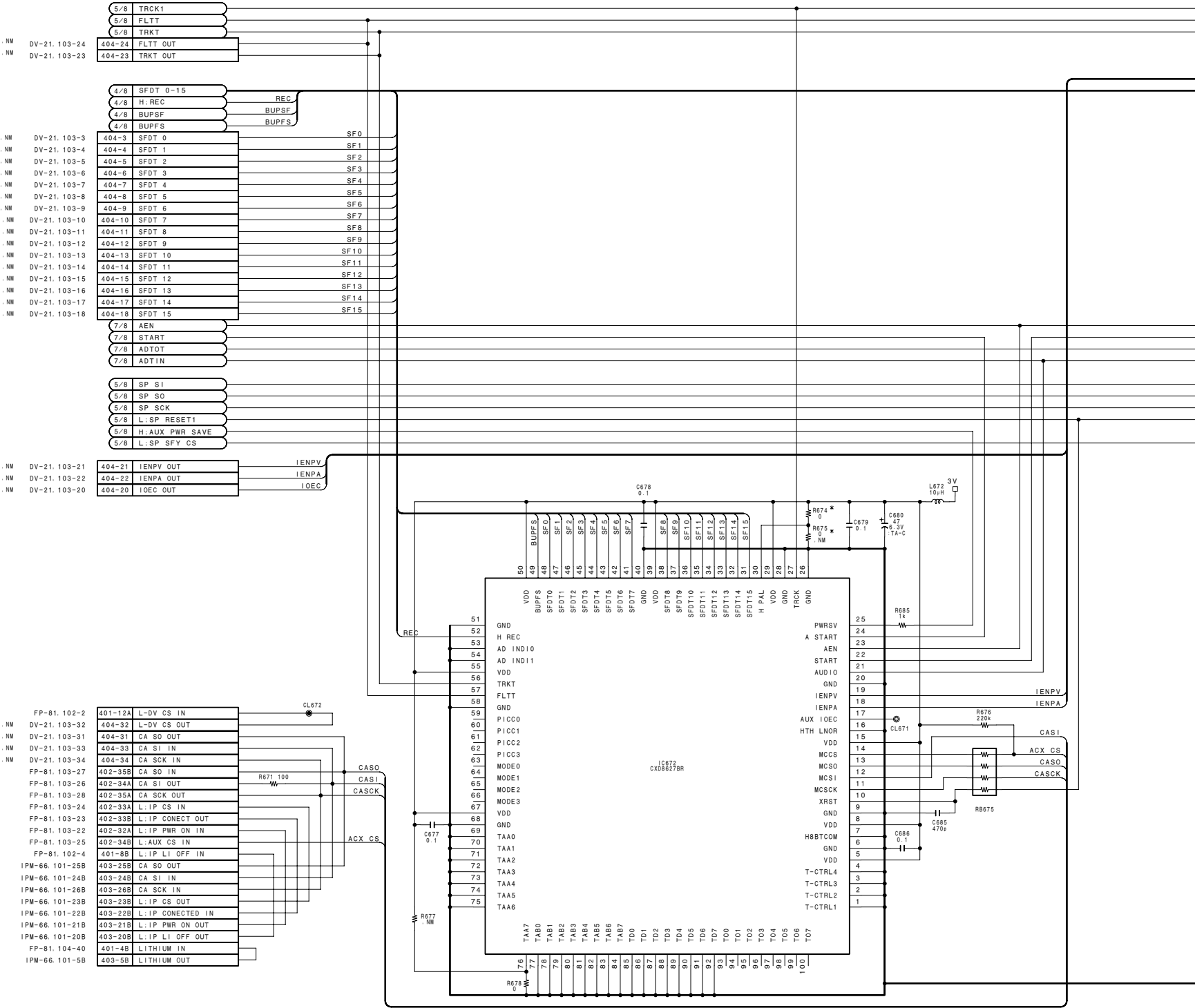


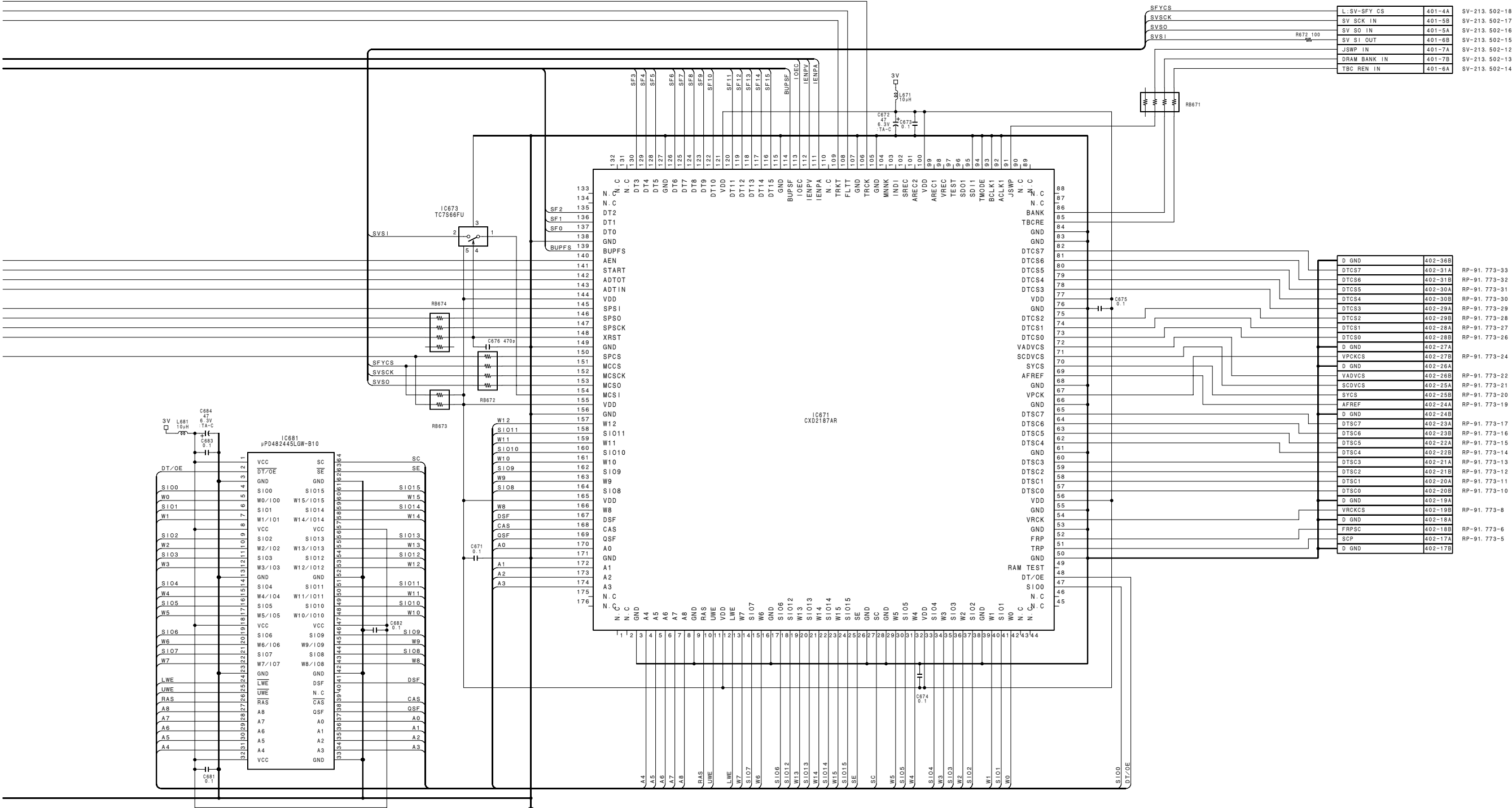




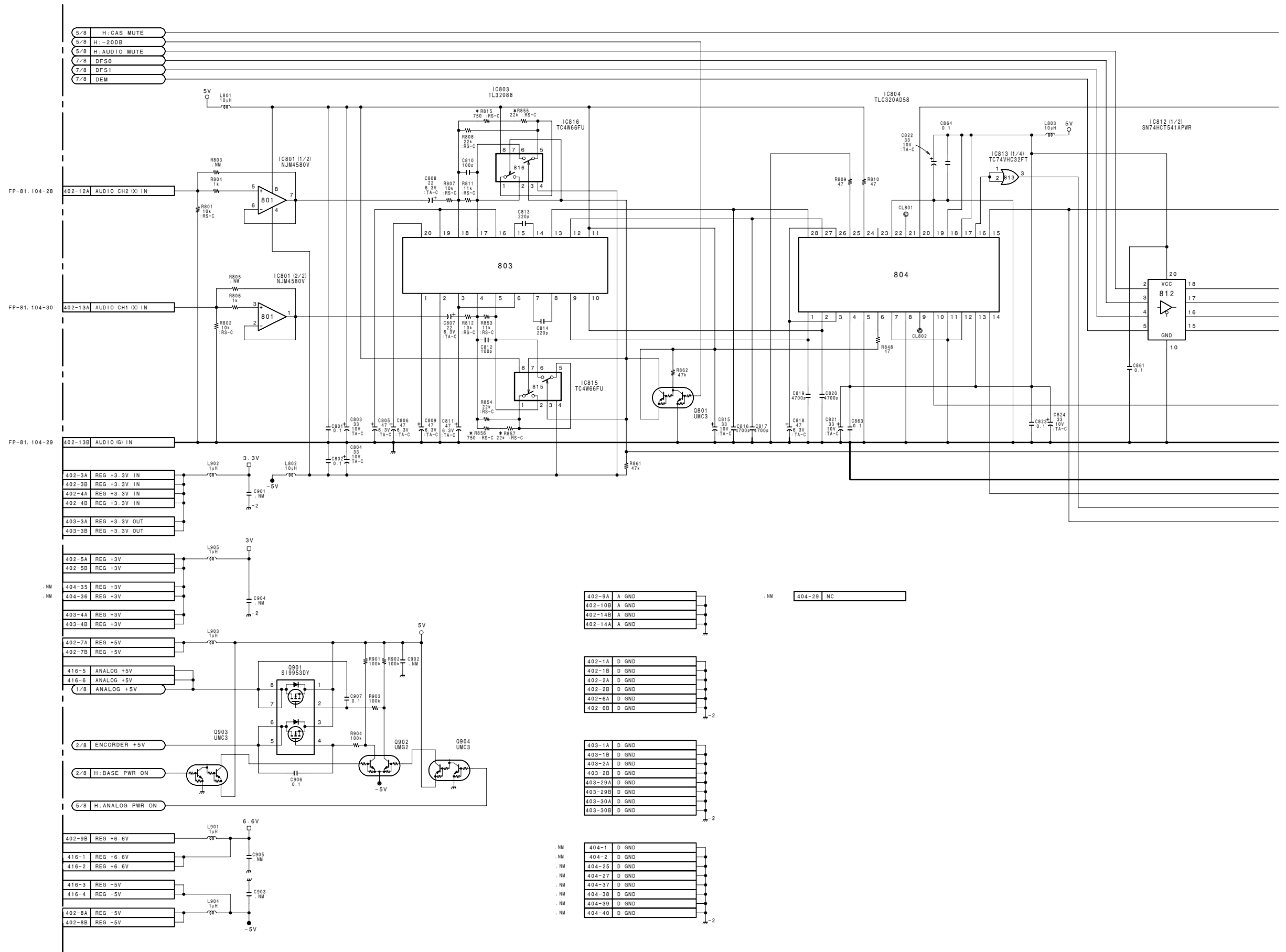
Video/Audio
VA-205C (4/8)
BOARD NO. 1-680-667-11
LOT No. 0A5-





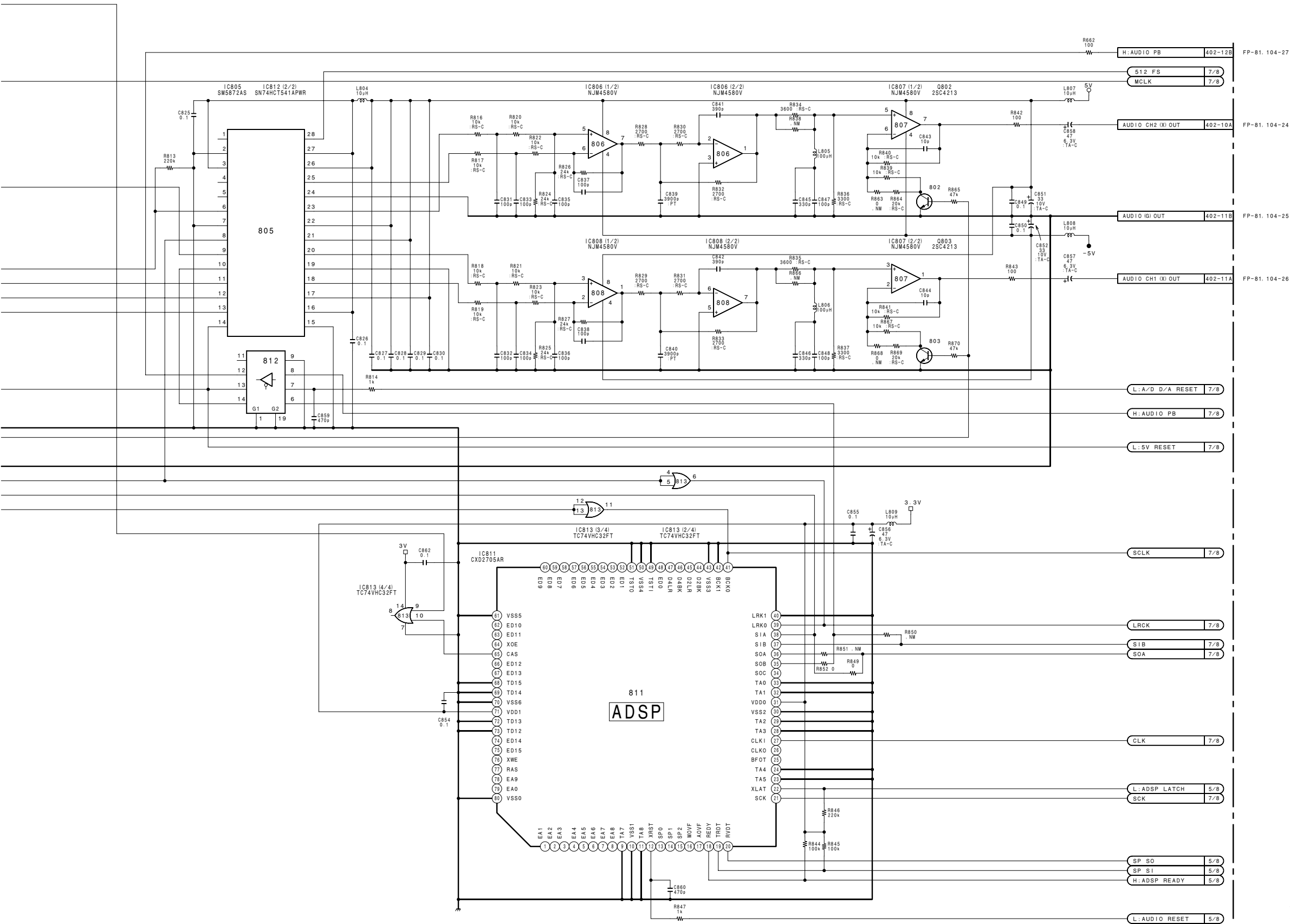




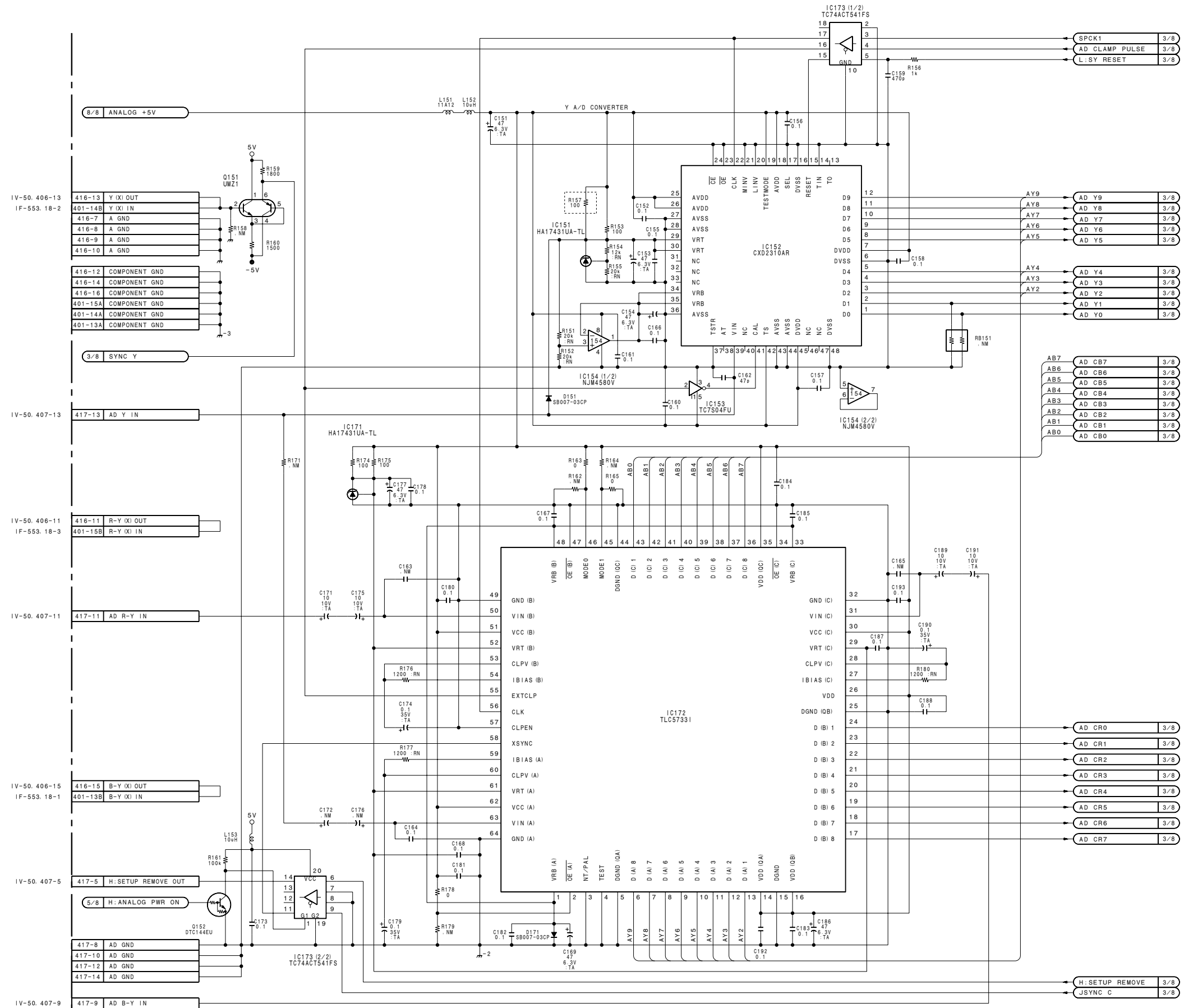


16-32 (b)

16-32 (b)

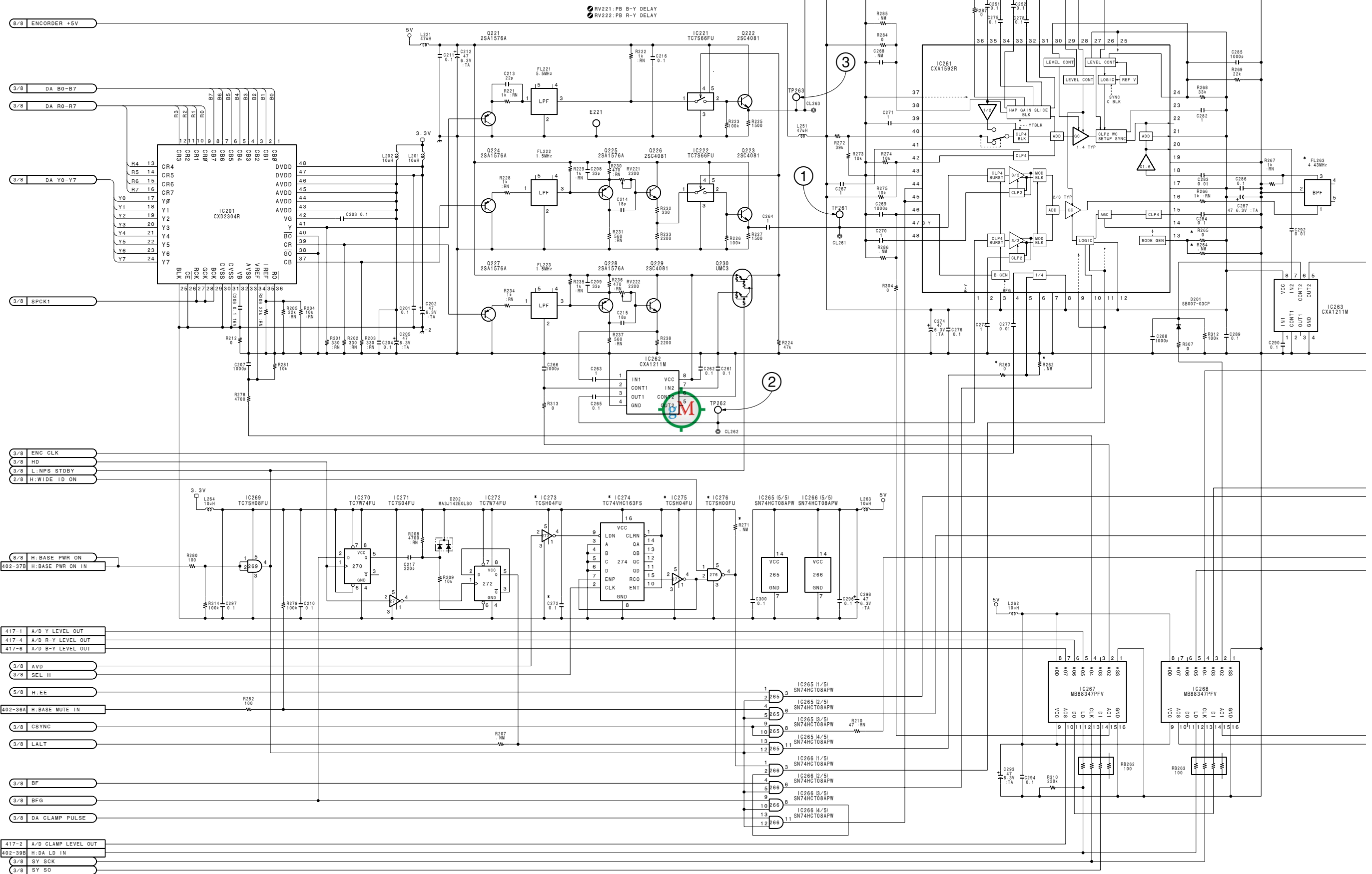


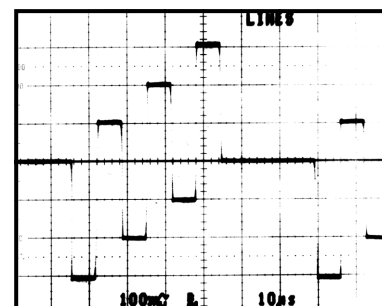
Video/Audio
VA-205C (8/8)
BOARD NO. 1-680-667-11
LOT No. 0A5-



Video/Audio
VA-172P (1/8)
 BOARD NO. 1-662-868-12
 LOT No. 605-0A4
 B-A8277836A-605G

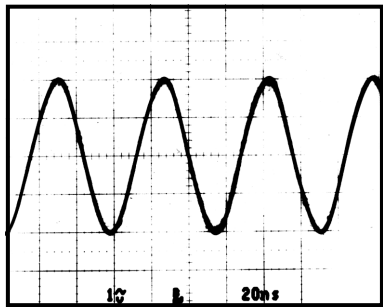
VA-172P (2/8)



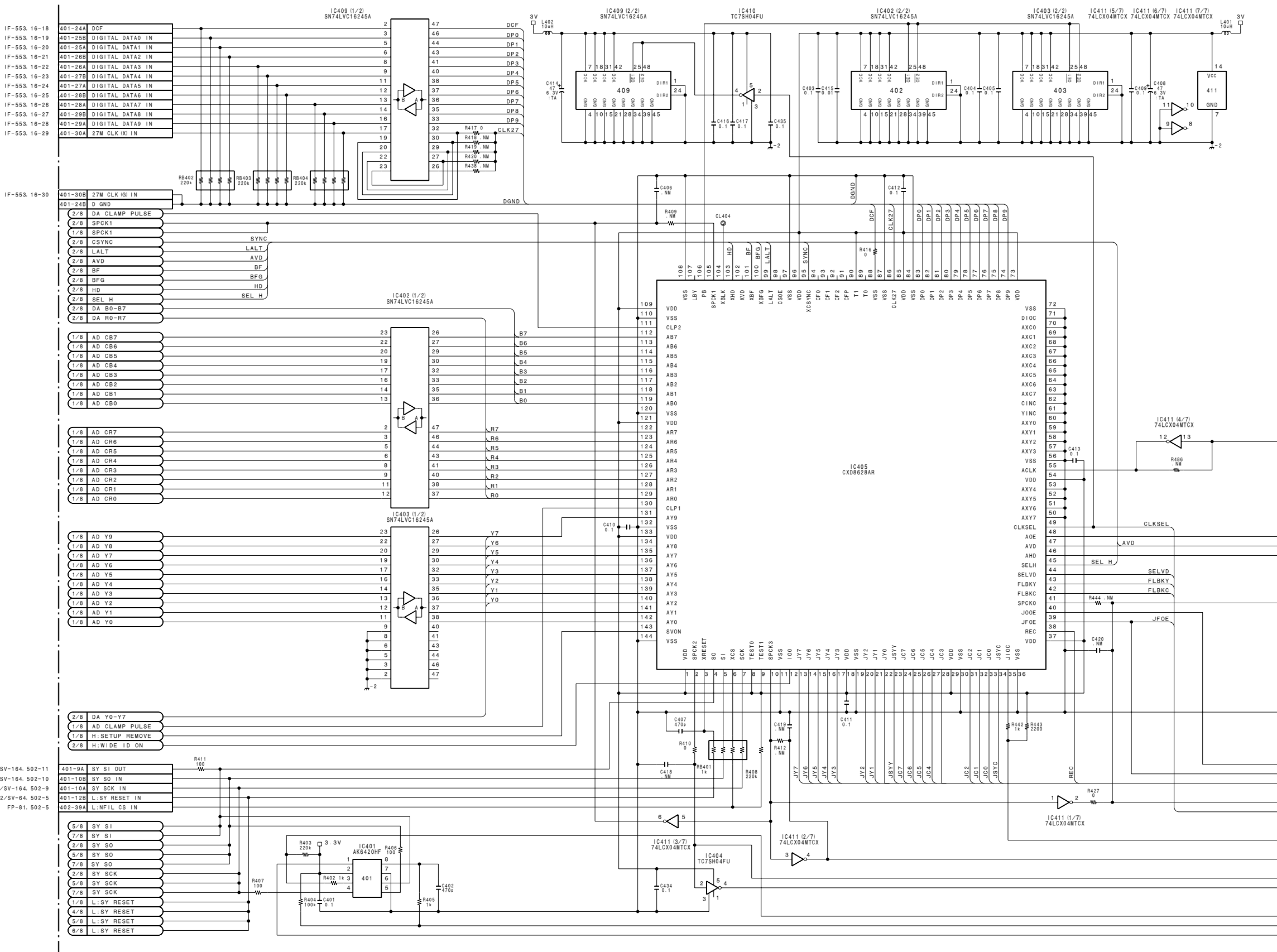


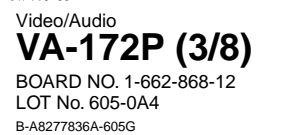
Measurement Condition
Y, R-Y, B-Y : 100% COLOR BARS
EE mode
PB mode : XH5-1AP (for PAL)
100% COLOR BARS

① TP402 EE/PB mode

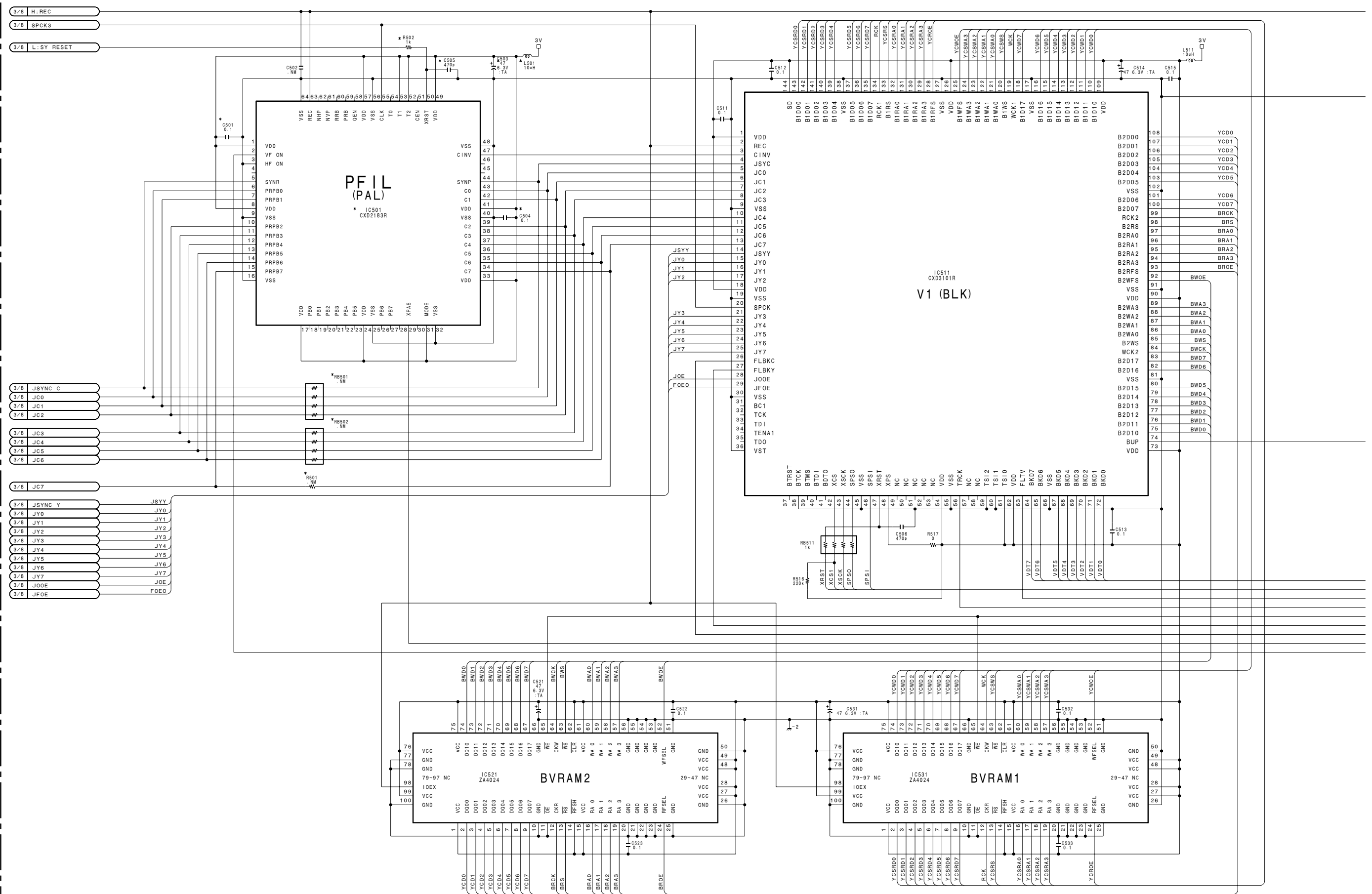


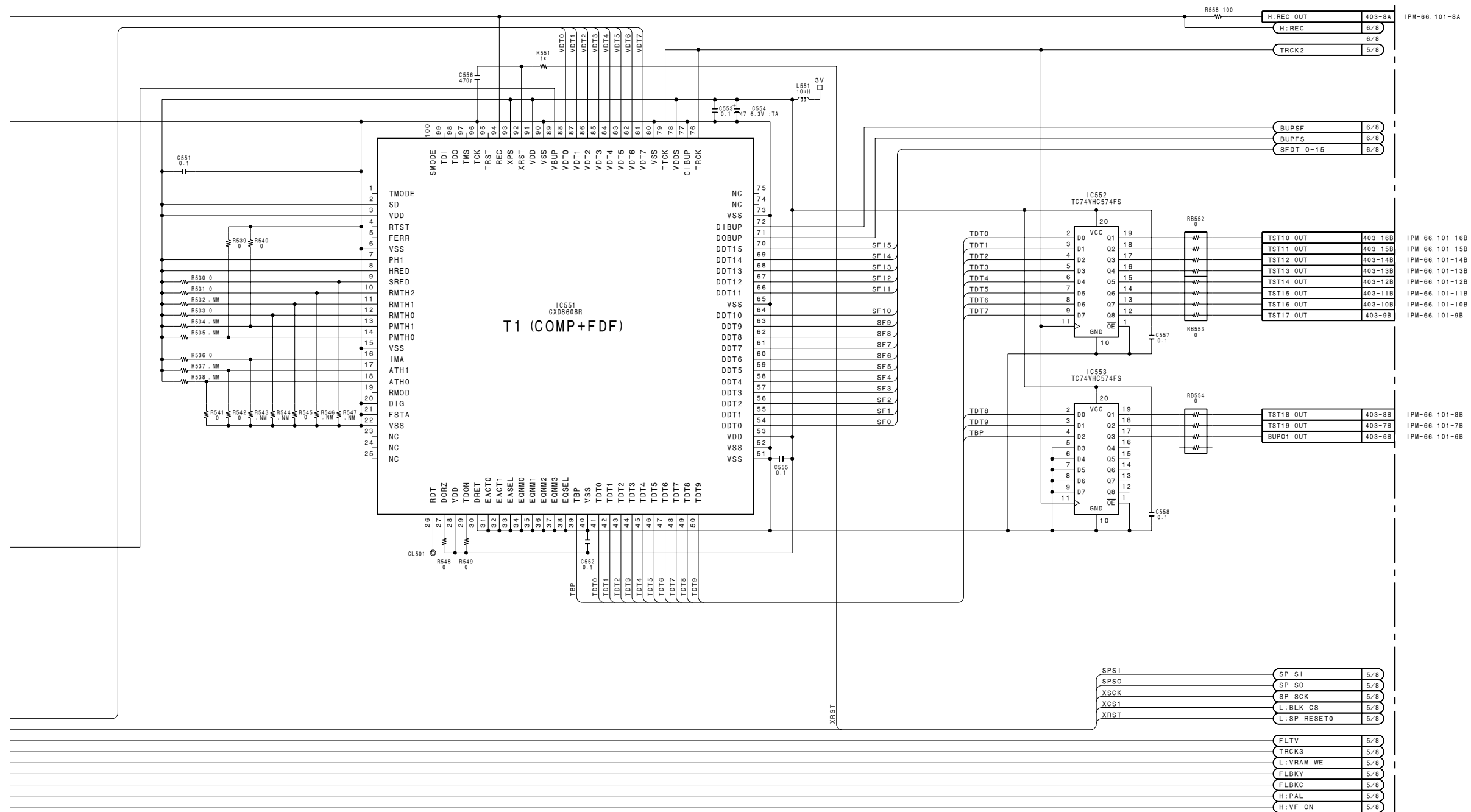
Measurement Condition
Y, R-Y, B-Y : 100% COLOR BARS
EE mode
PB mode : XH5-1AP (for PAL)
100% COLOR BARS



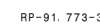


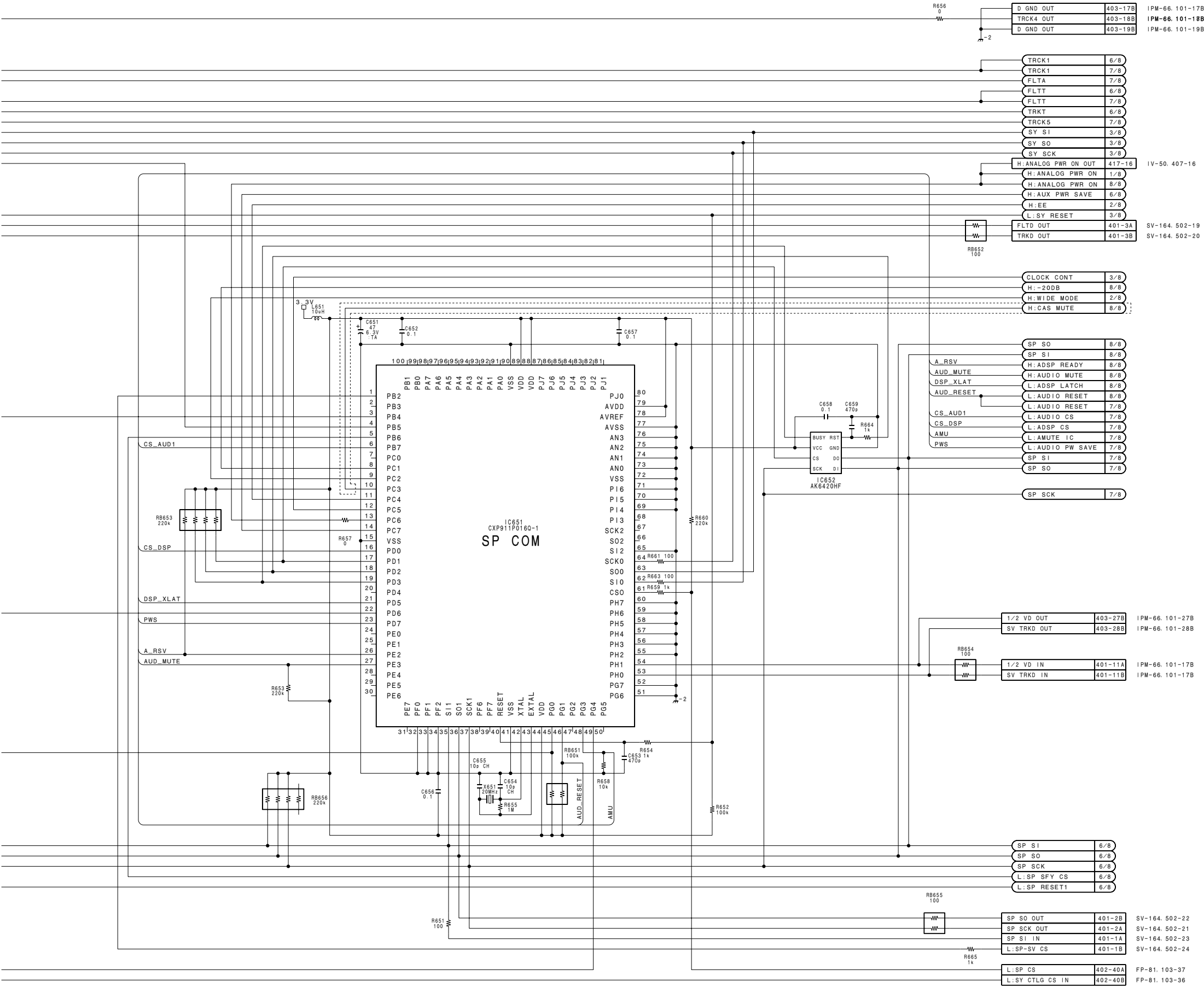
5

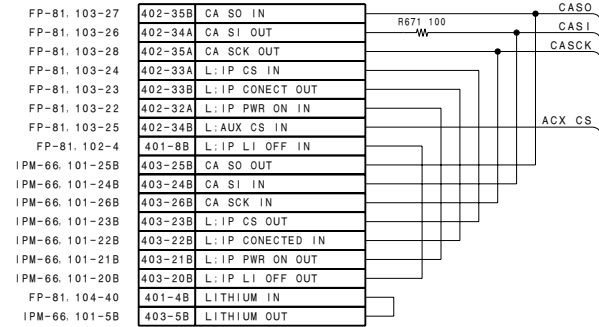




PB mode : XH5-1AP (for PAL)
100% COLOR BARS

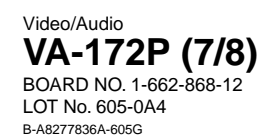












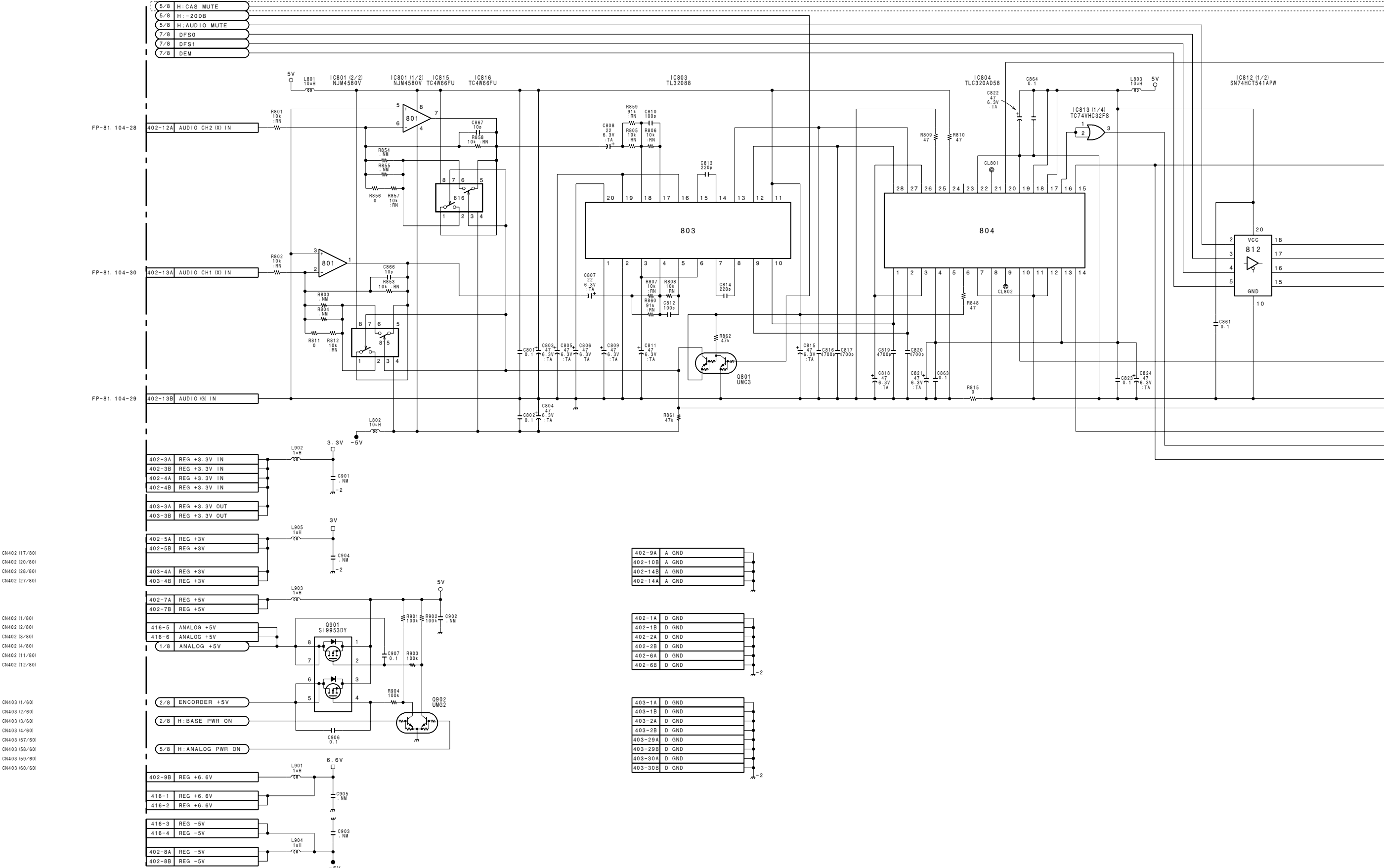
1

2

3

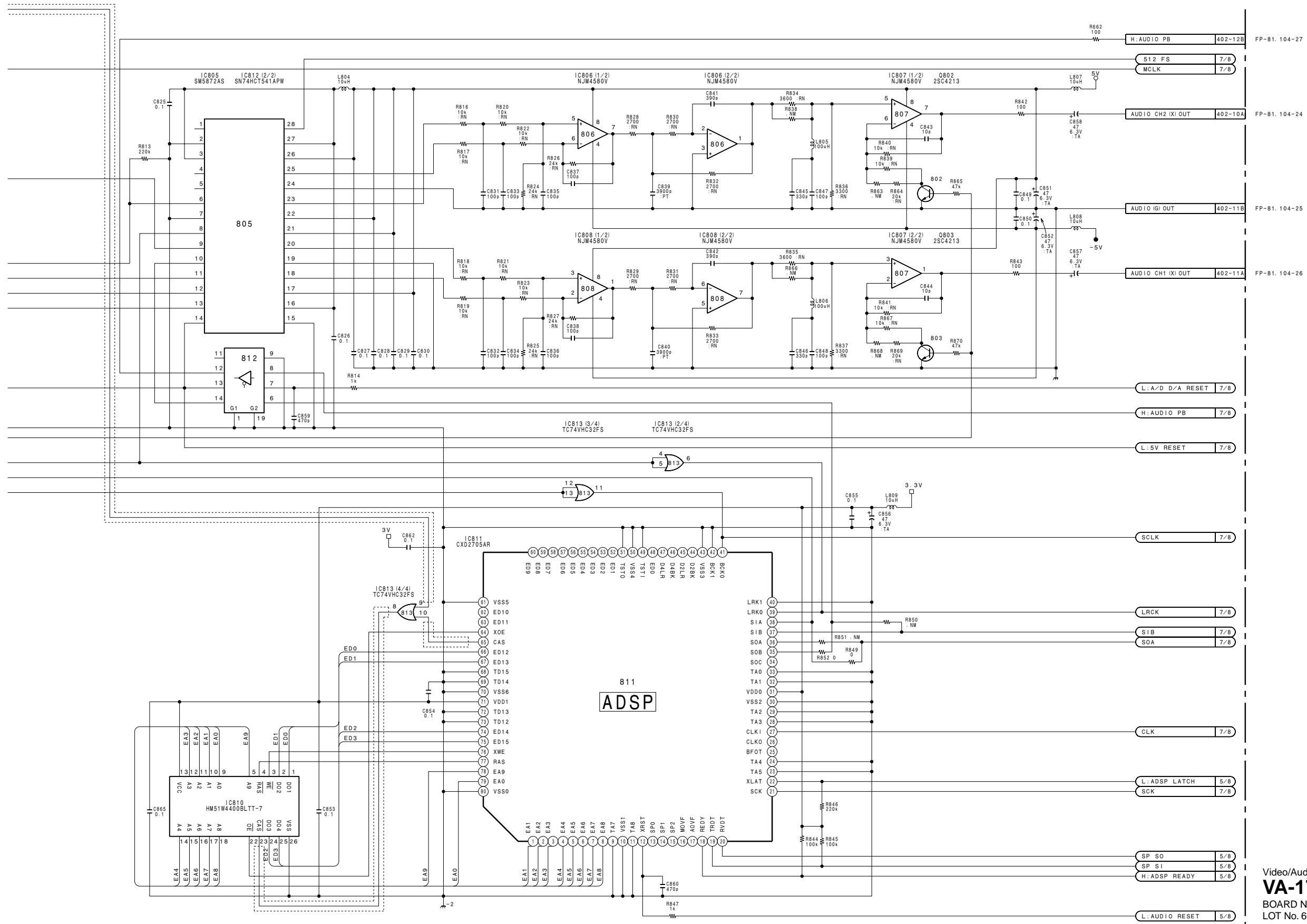
4

5



16-32 (a)

16-32 (a)



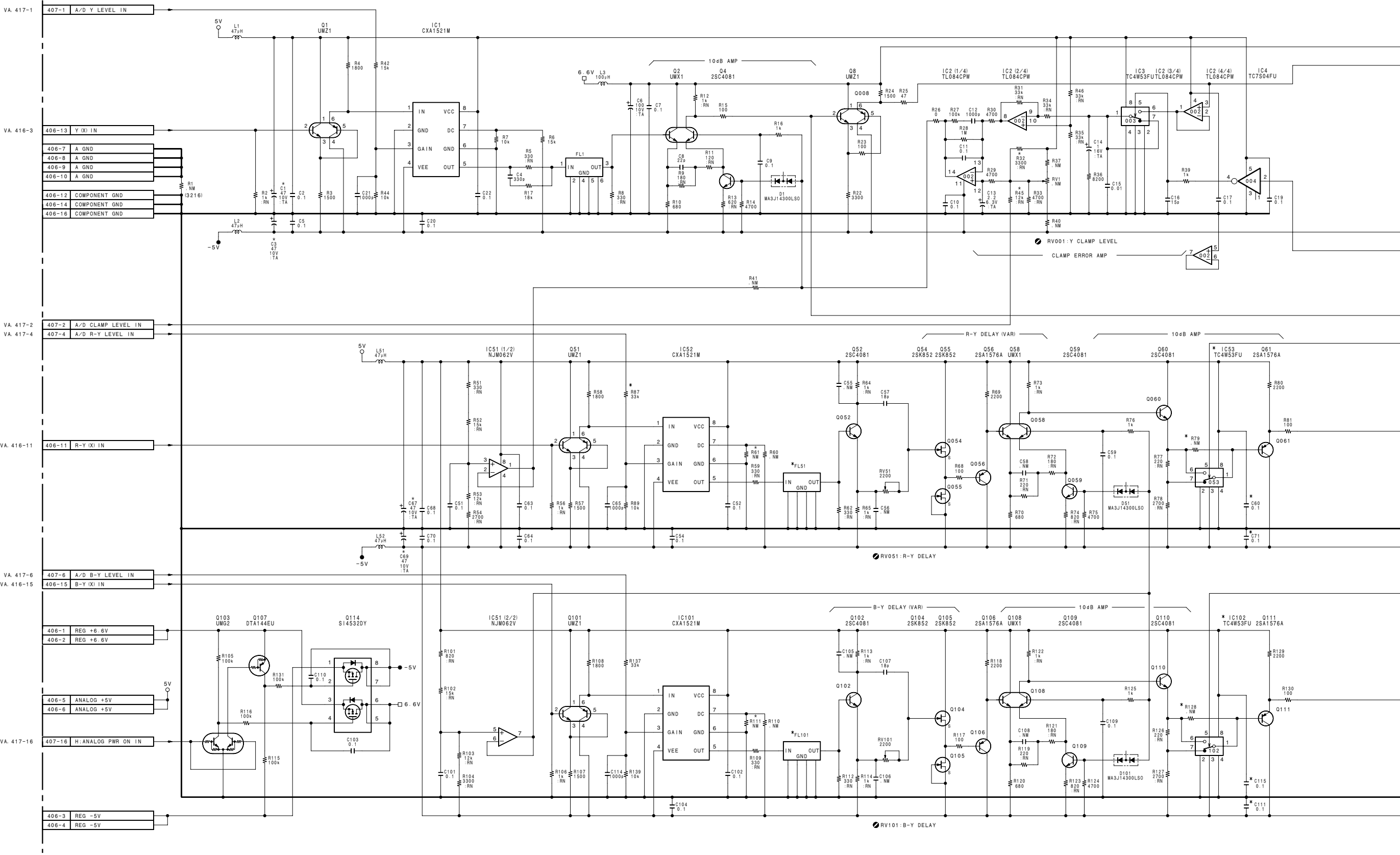
1

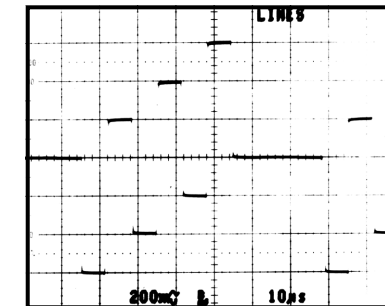
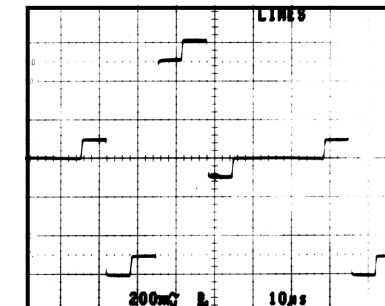
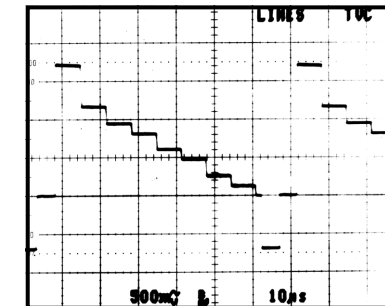
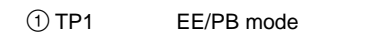
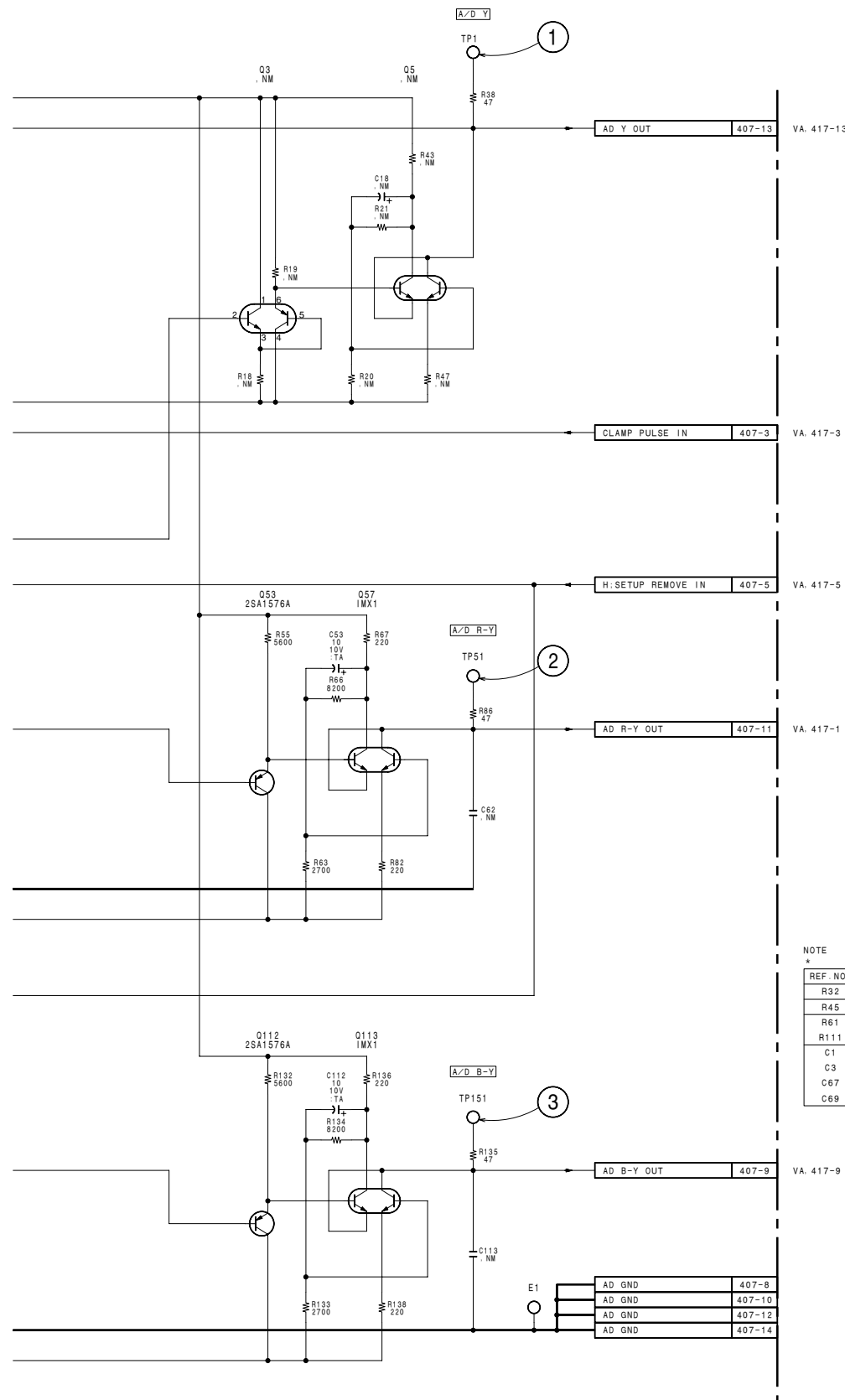
2

3

4

5





Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5%

EE mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS

Analog video (Input)
IV-50
BOARD NO. 1-662-869-11, 12, 13, 14
B-A8277837A-605F

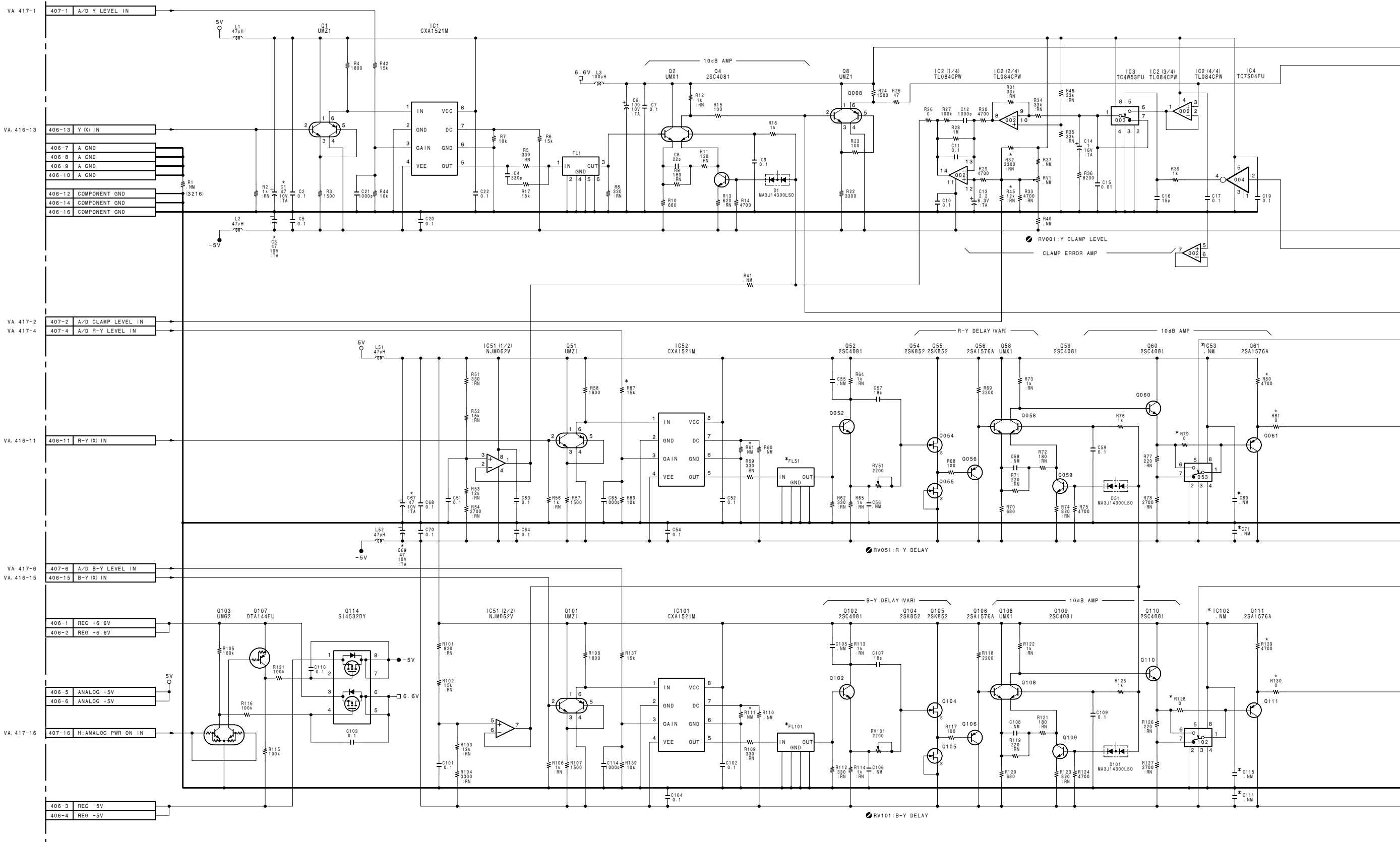
1

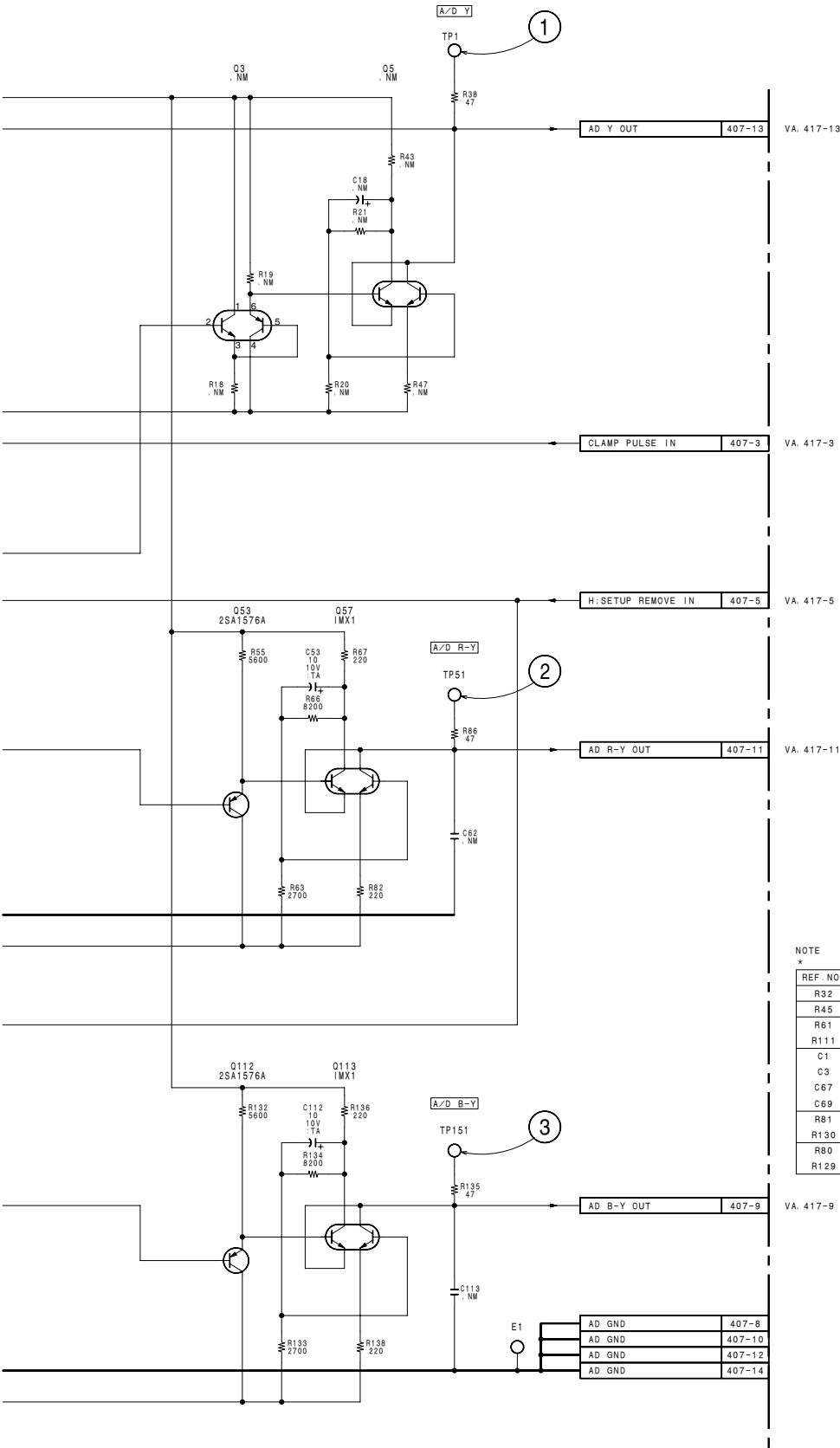
2

3

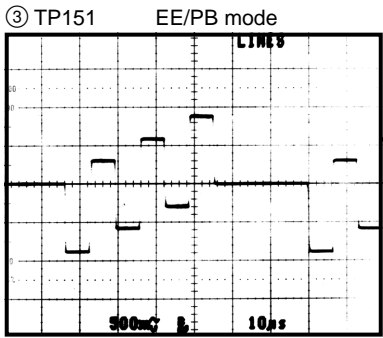
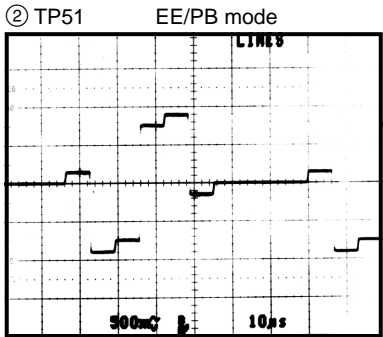
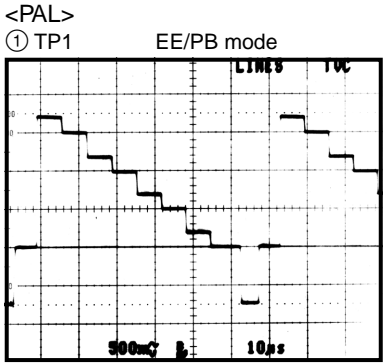
4

5



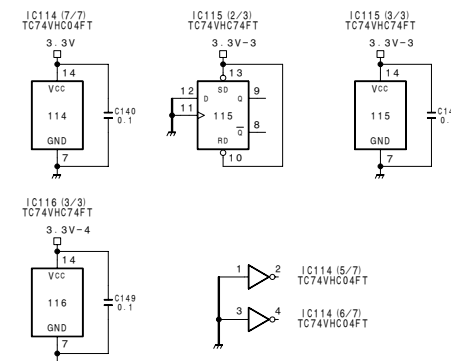
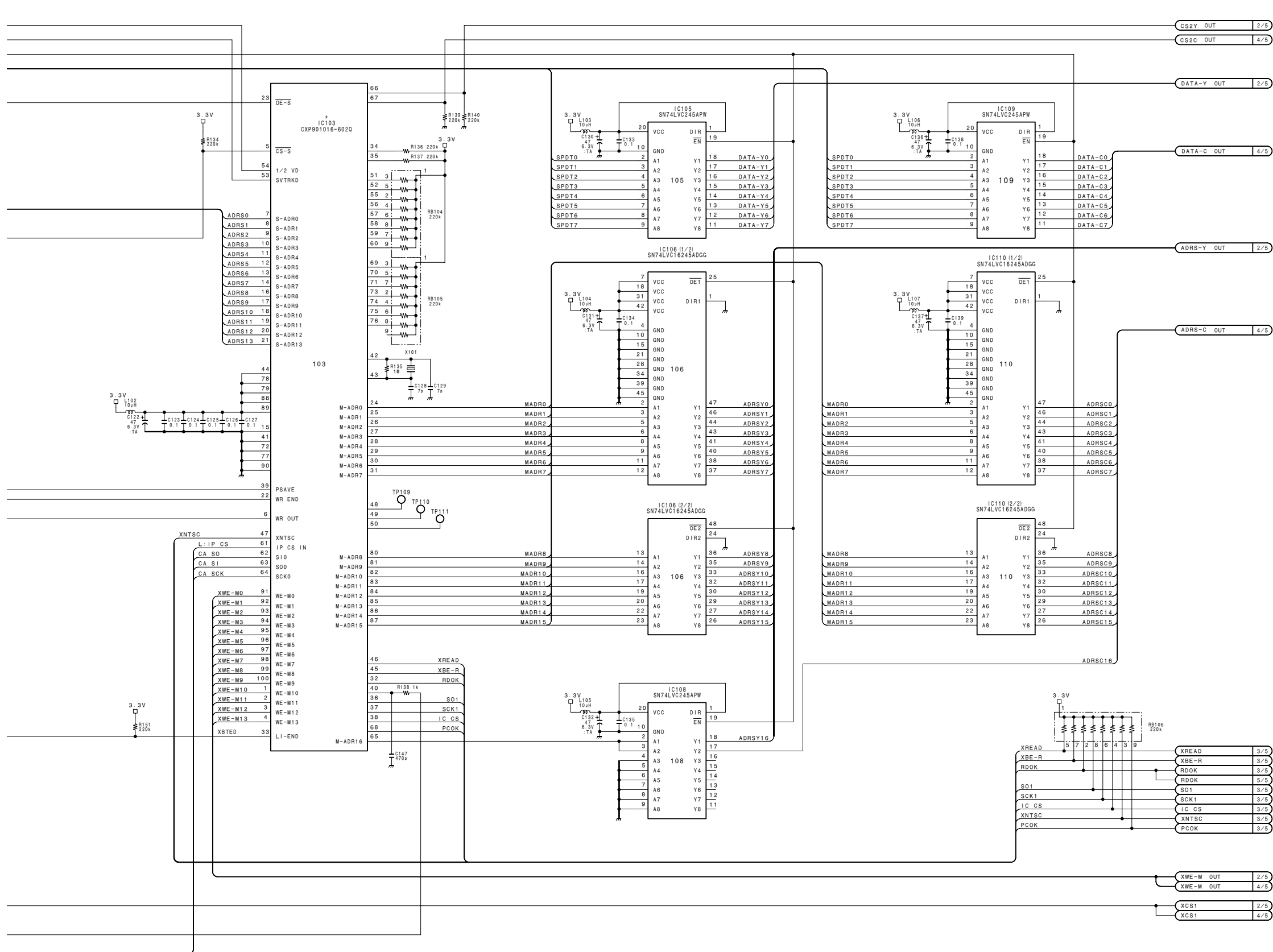


NOTE		
REF. NO.	CHANGE INFORMATION	LOT NO.
R32	3600 → 3300	611-
R45	15K → 12K	
R61	DELETE	
R111		701-
C1		
C3	100/6.3V → 47/10V	
C67		
C69		
R81	100 → 0	
R130		
R80	2200 → 4700	
R129		



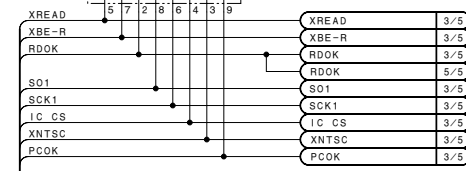
Measurement Condition
Y, R-Y, B-Y: 100% COLOR BARS
EE mode
PB mode : XH5-1AP (for PAL)
100% COLOR BARS

Analog video (Input)
IV-50P
BOARD NO. 1-662-869-11, 12, 13, 14
B-A8277838A-605F



NOTE

REF. NO.	CHANGE INFORMATION	LOT NO.
IC103	CXP901P016Q-1 → CXP901016-602Q	701-
R120	DELETE	710-
R124	100k → 1M	
TP101	DELETE	711-



Index picture
IPM-66 (1/5)
BOARD NO. 1-662-875-11
B-A8277844A-605B

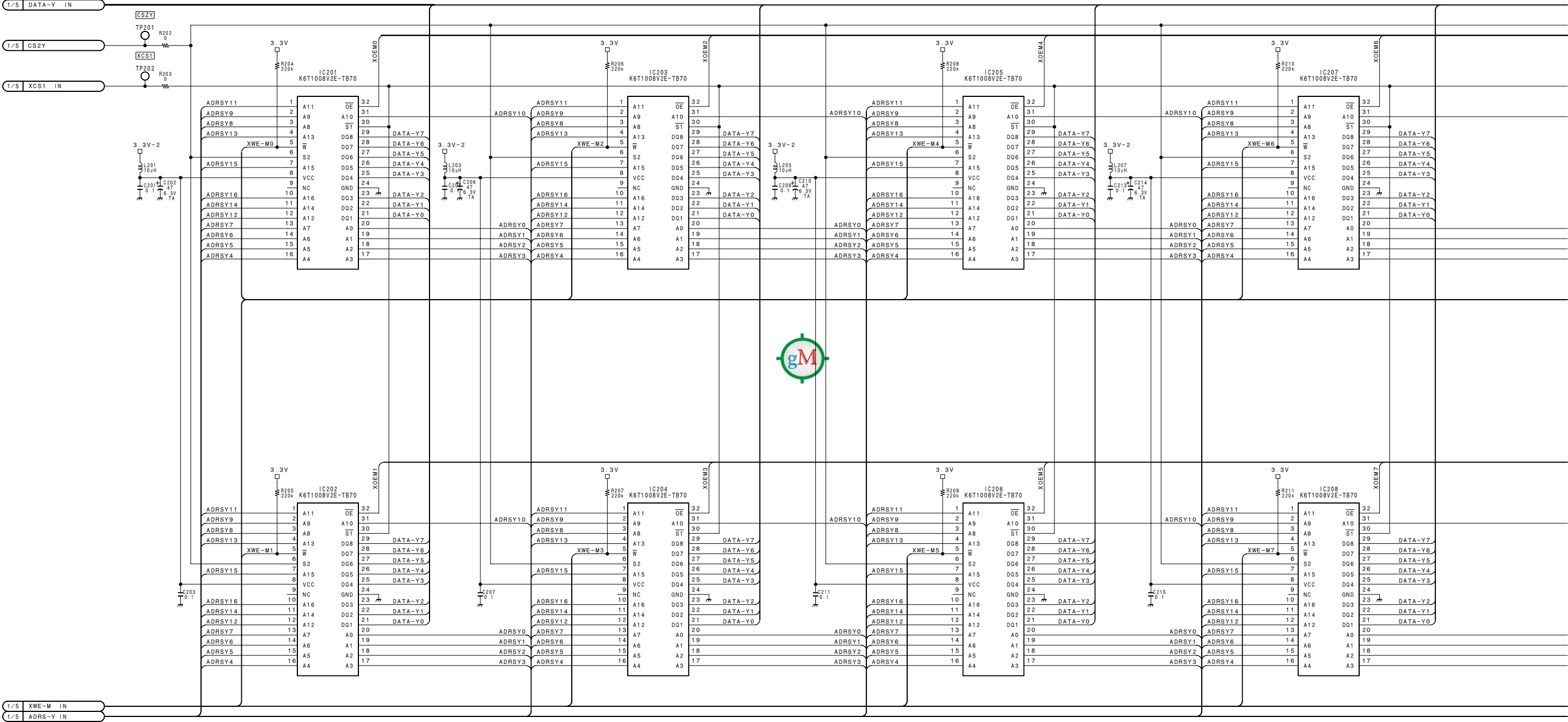
1

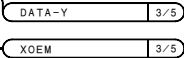
2

3

4

5





1

2

3

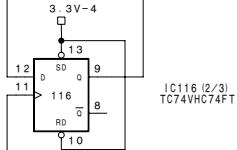
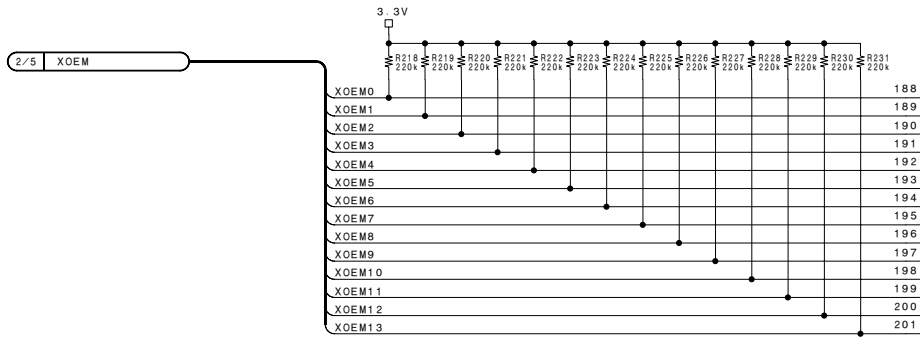
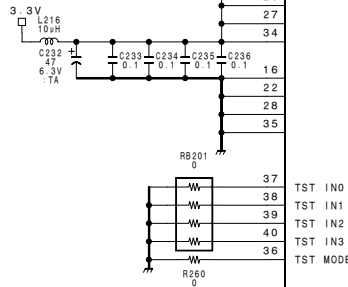
4

5

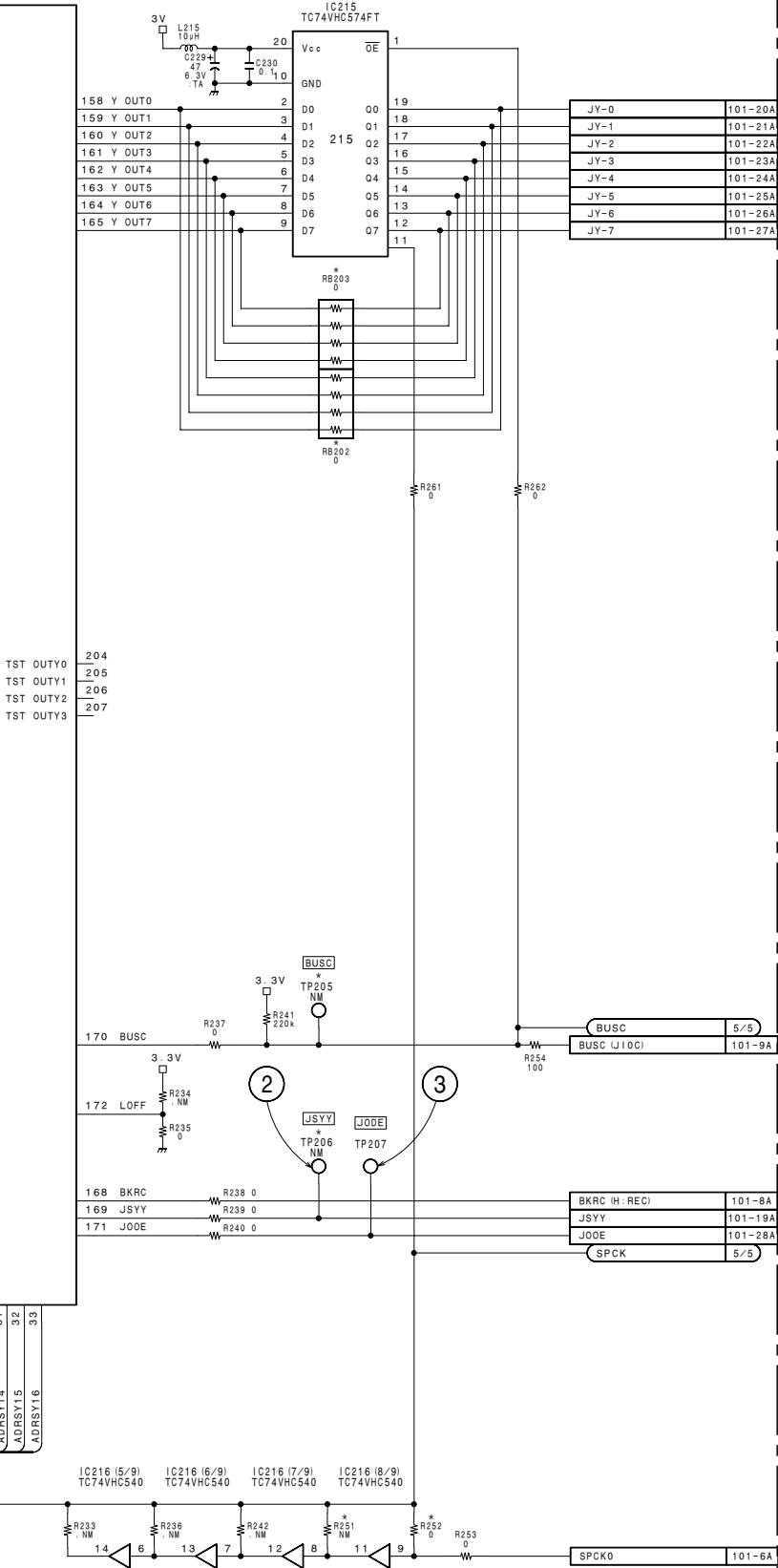
2/5 DATA-Y

1 DATA-Y0
2 DATA-Y1
3 DATA-Y2
4 DATA-Y3
5 DATA-Y4
6 DATA-Y5
7 DATA-Y6
8 DATA-Y7

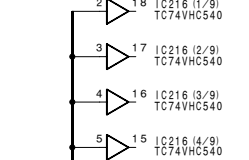
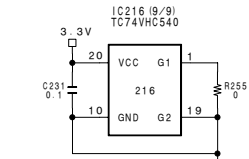
IC101 (2/3)
CXD8655Q
READ-Y



2/5 ADPS-Y



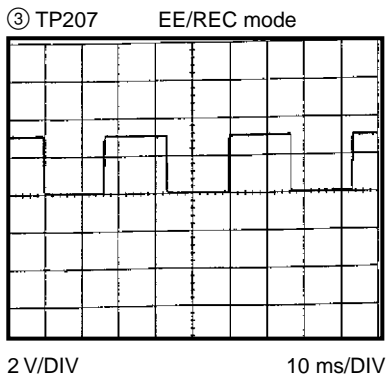
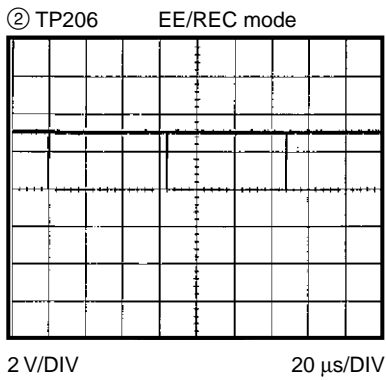
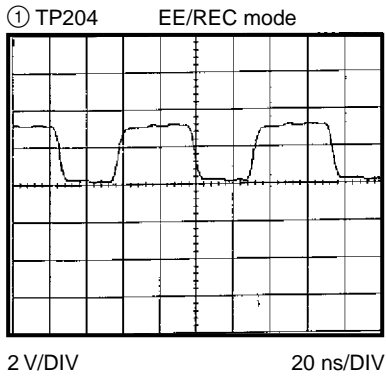
VA. 403-20A
VA. 403-21A
VA. 403-22A
VA. 403-23A
VA. 403-24A
VA. 403-25A
VA. 403-26A
VA. 403-27A



VA. 403-9A
VA. 403-8A
VA. 403-19A
VA. 403-28A

REF. NO.	CHANGE INFORMATION	LOT NO.
R251	DELETE	
R252		803-
RB202	0 ADD	
RB203		
TP205	DELETE	711-
TP206		

Index picture
IPM-66 (3/5)
BOARD NO. 1-662-875-11
B-A8277844A-605B



Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
 SETUP 7.5% (for NTSC)
 100% COLOR BARS (for PAL)

EE mode
REC mode

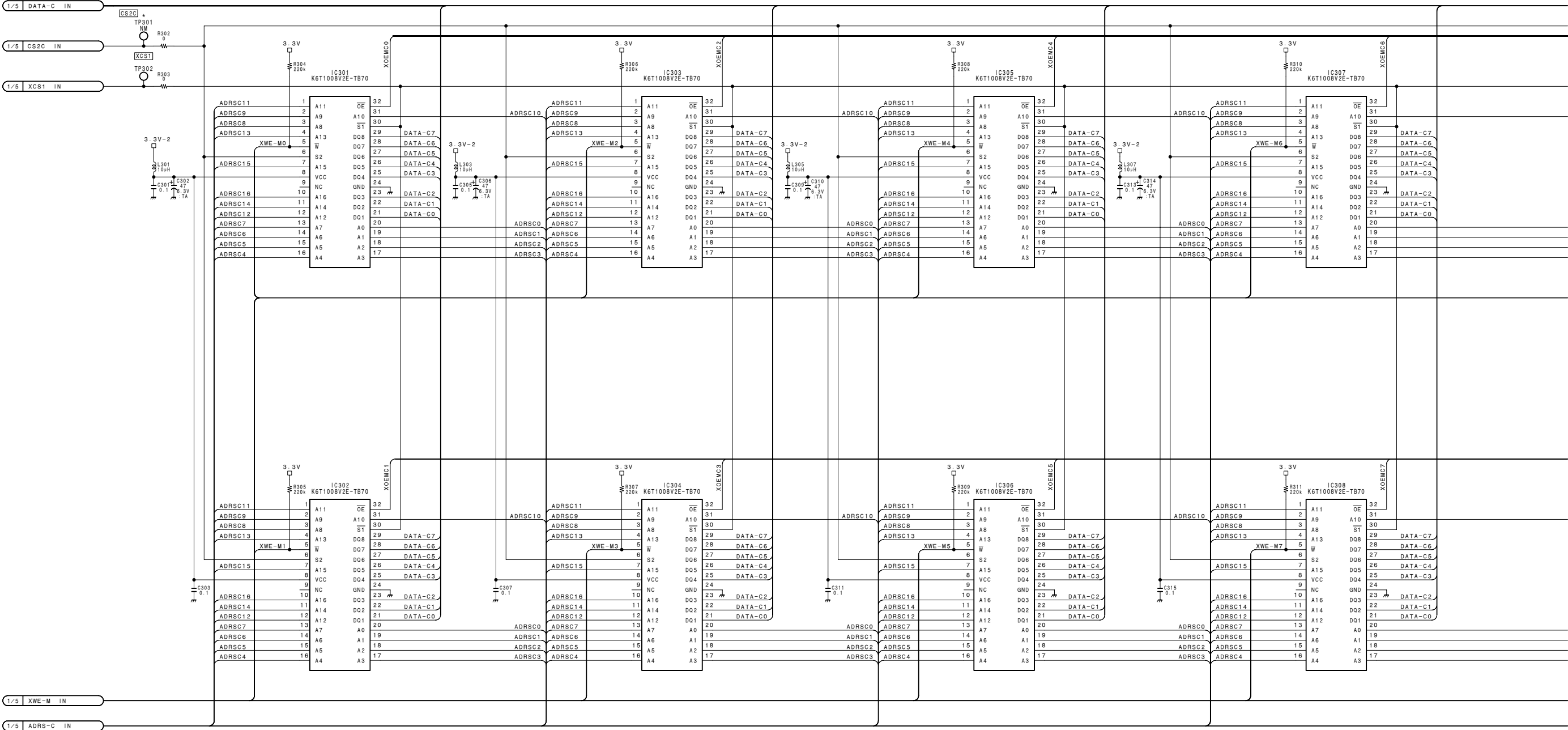
1

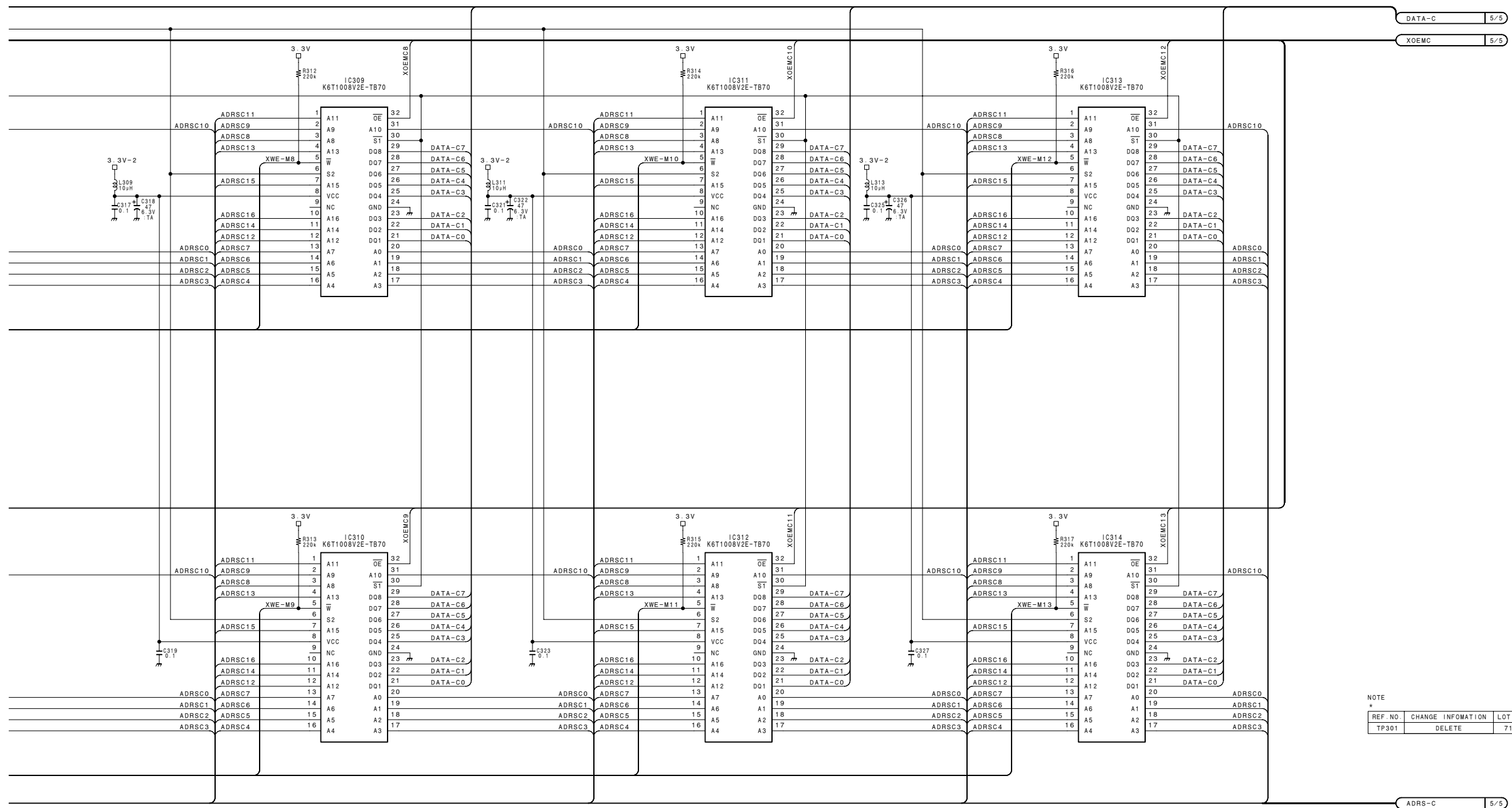
2

3

4

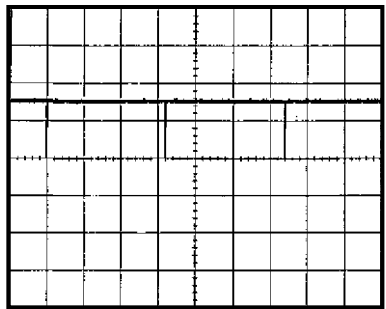
5





4/5 DATA-C

① TP305 EE/REC mode



2 V/DIV

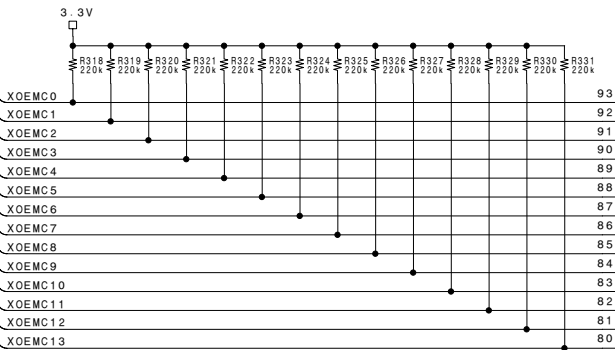
20 μs/DIV

Measurement Condition

Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)

EE mode
REC mode

4/5 XOEMC



1/5 RDOK

R301 NW

RDOKC 101

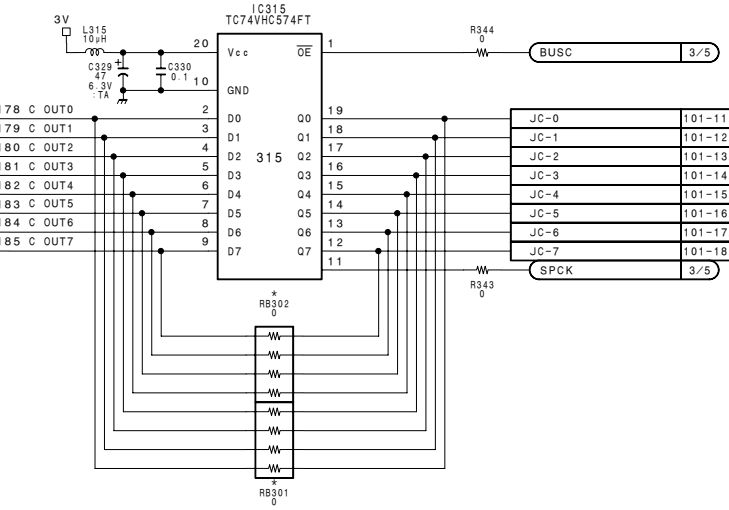
4/5 ADRS-C

45 DATA-C0
46 DATA-C1
47 DATA-C2
48 DATA-C3
49 DATA-C4
50 DATA-C5
51 DATA-C6
52 DATA-C7

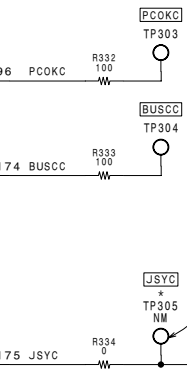
IC101 (3/3)
CXD86350
READ-C

TST OUTC0
TST OUTC1
TST OUTC2
TST OUTC3

77 ADRSC0
76 ADRSC1
75 ADRSC2
74 ADRSC3
73 ADRSC4
72 ADRSC5
71 ADRSC6
70 ADRSC7
69 ADRSC8
68 ADRSC9
67 ADRSC10
66 ADRSC11
65 ADRSC12
64 ADRSC13
63 ADRSC14
62 ADRSC15
61 ADRSC16



VA. 403-11A
VA. 403-12A
VA. 403-13A
VA. 403-14A
VA. 403-15A
VA. 403-16A
VA. 403-17A
VA. 403-18A

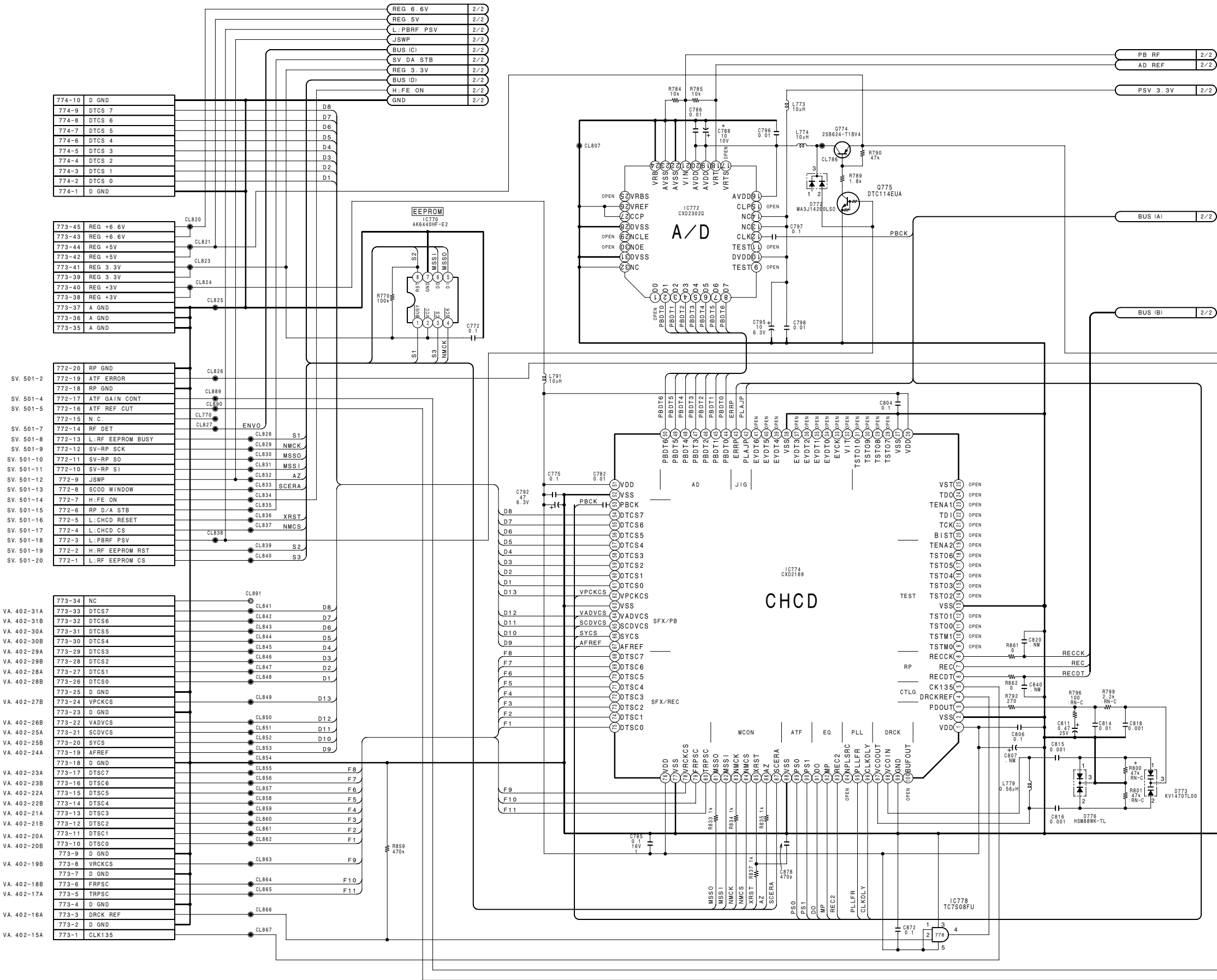


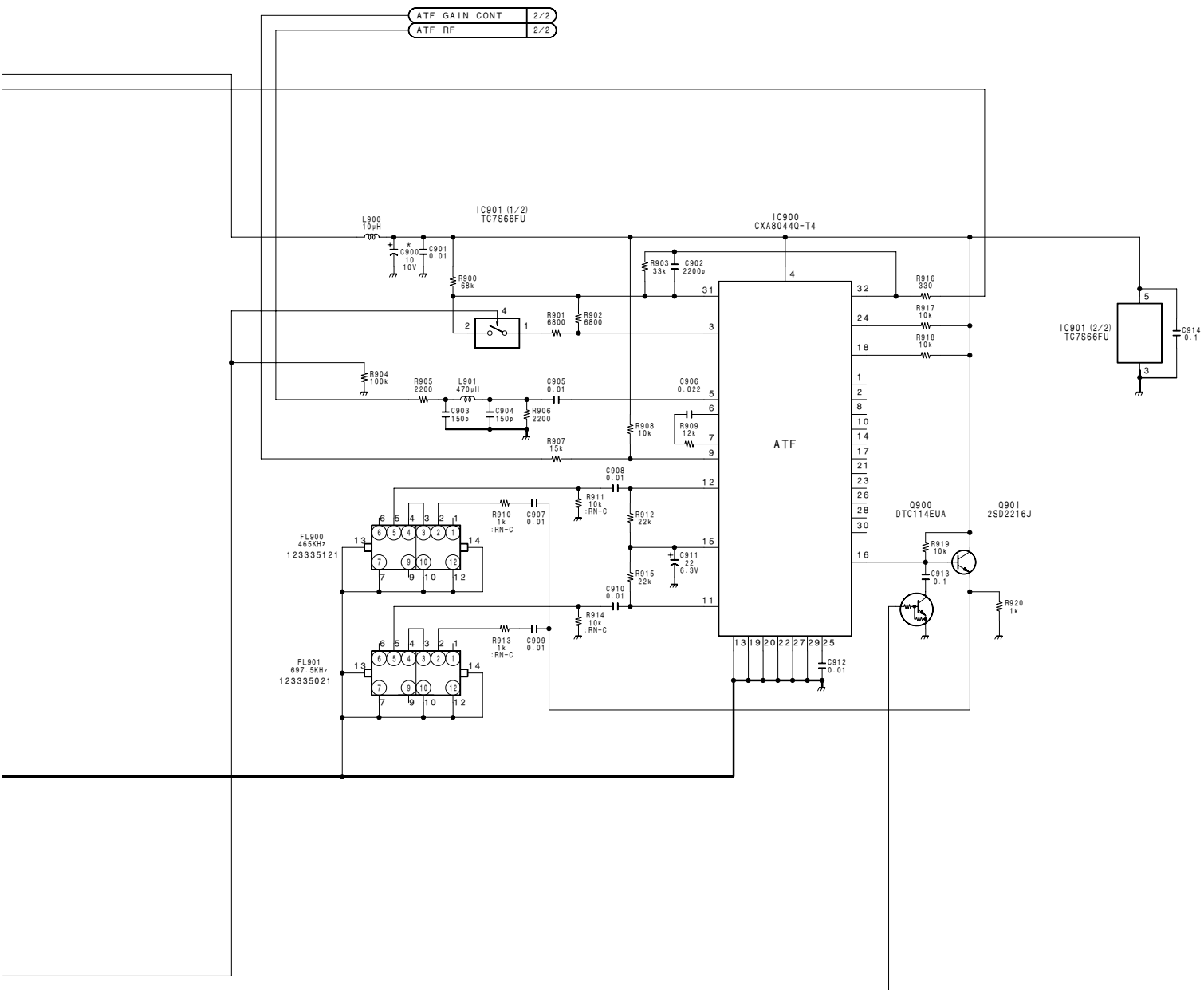
VA. 403-10A

NOTE

REF. NO.	CHANGE INFORMATION	LOT NO.
RB301	0 ADD	803-
RB302		
TP305	DELETE	711-

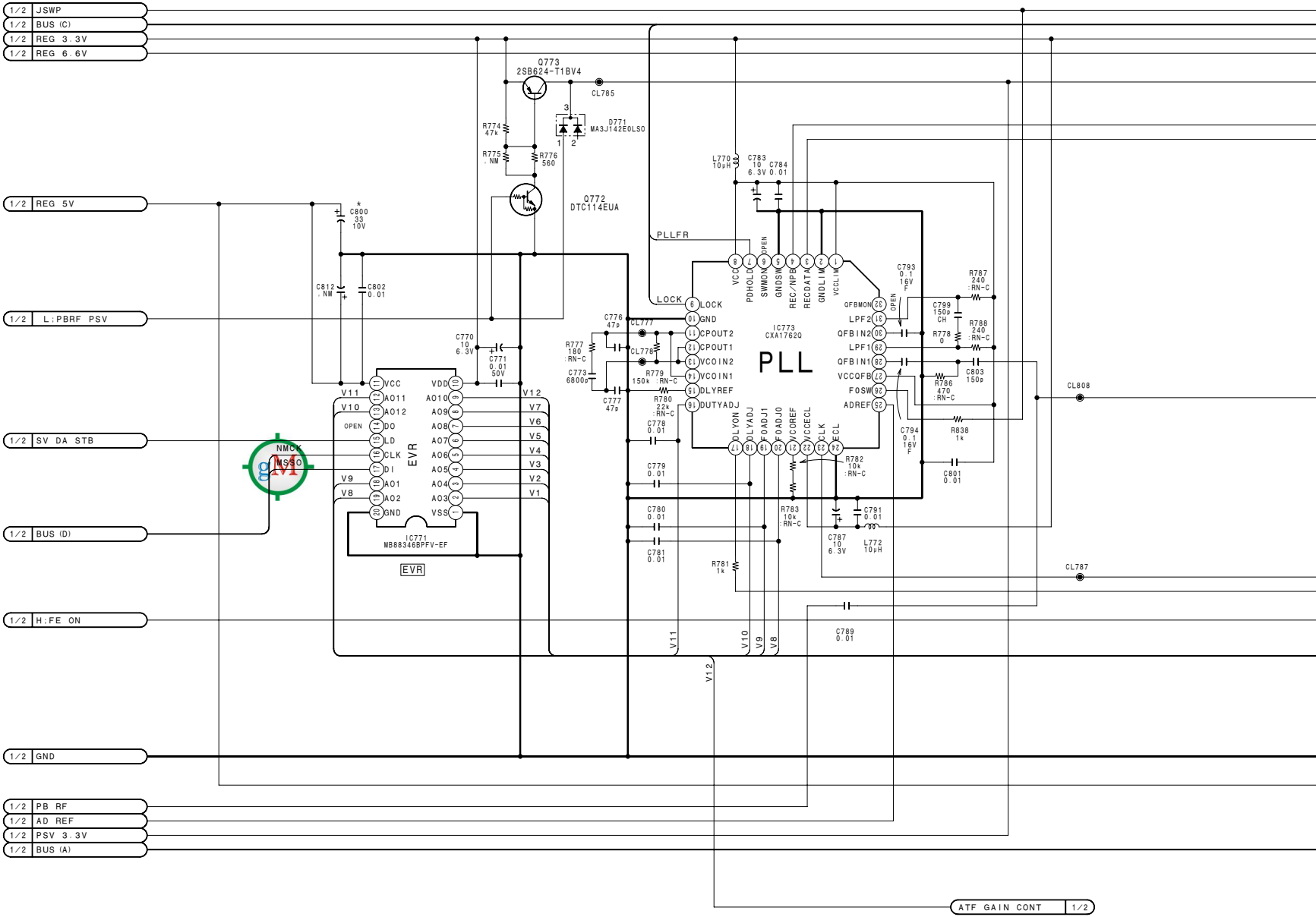
Index picture
IPM-66 (5/5)
BOARD NO. 1-662-875-11
B-A8277844A-605B



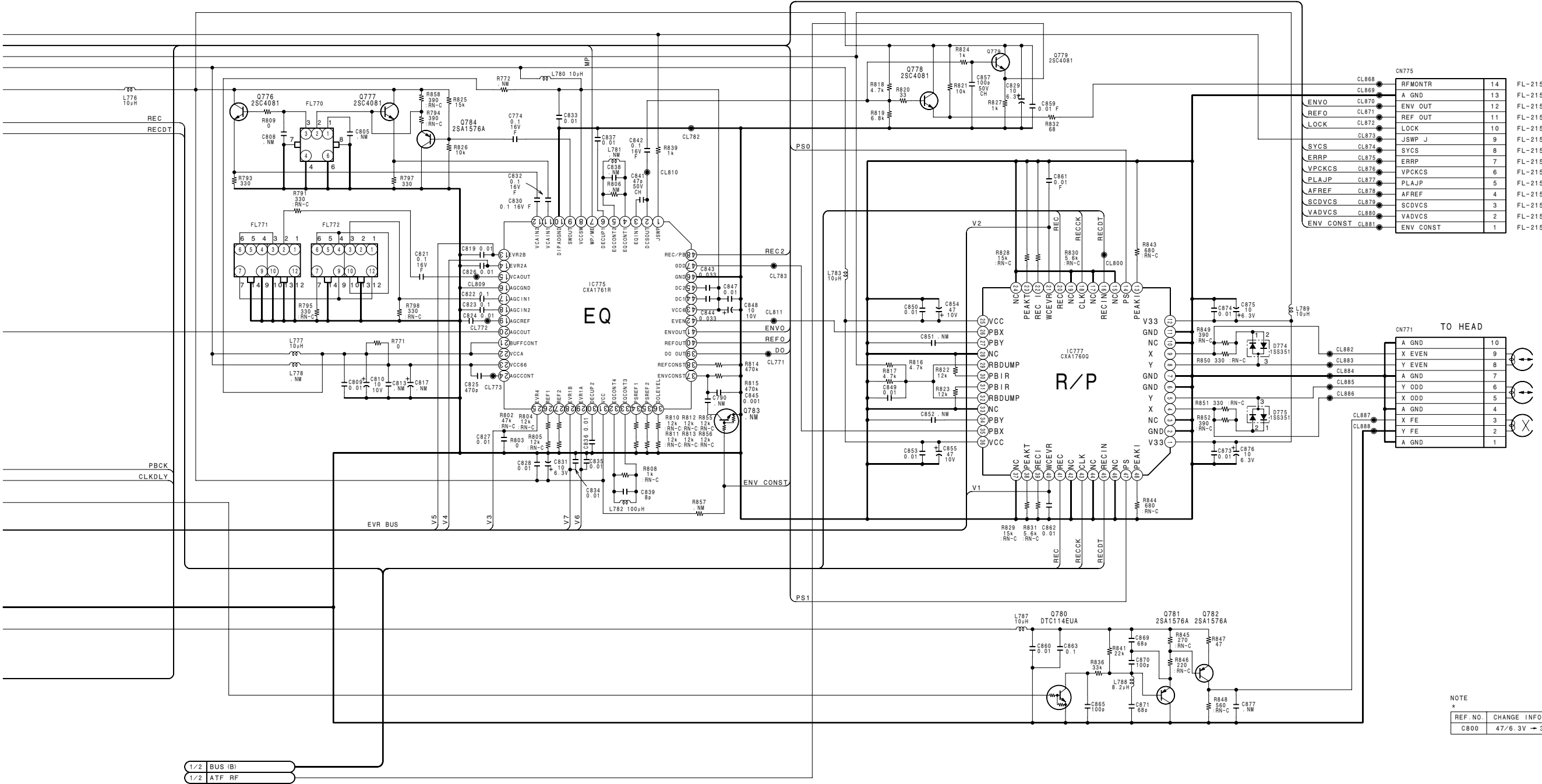


NOTE

REF. NO.	CHANGE INFORMATION	LOT NO.
C788	10/6.3V → 10/10V	701-
C900		



ATF GAIN CONT 1/2



REC/PB RF amp & CHCD
RP-91 (2/2)
BOARD NO. 1-662-878-11, 12

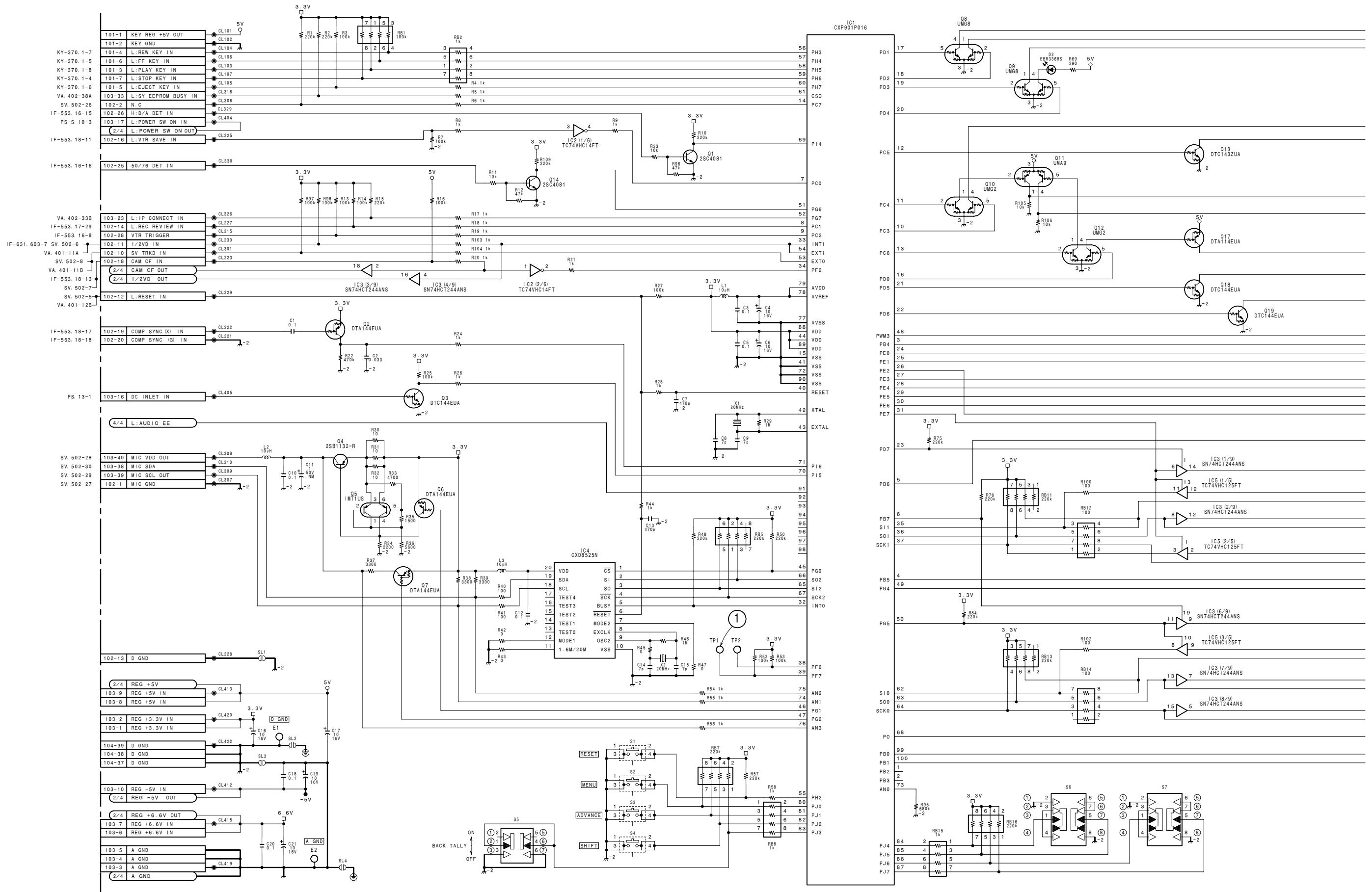
1

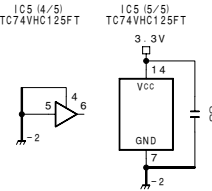
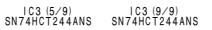
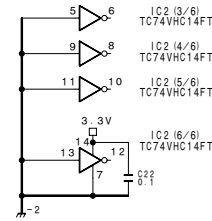
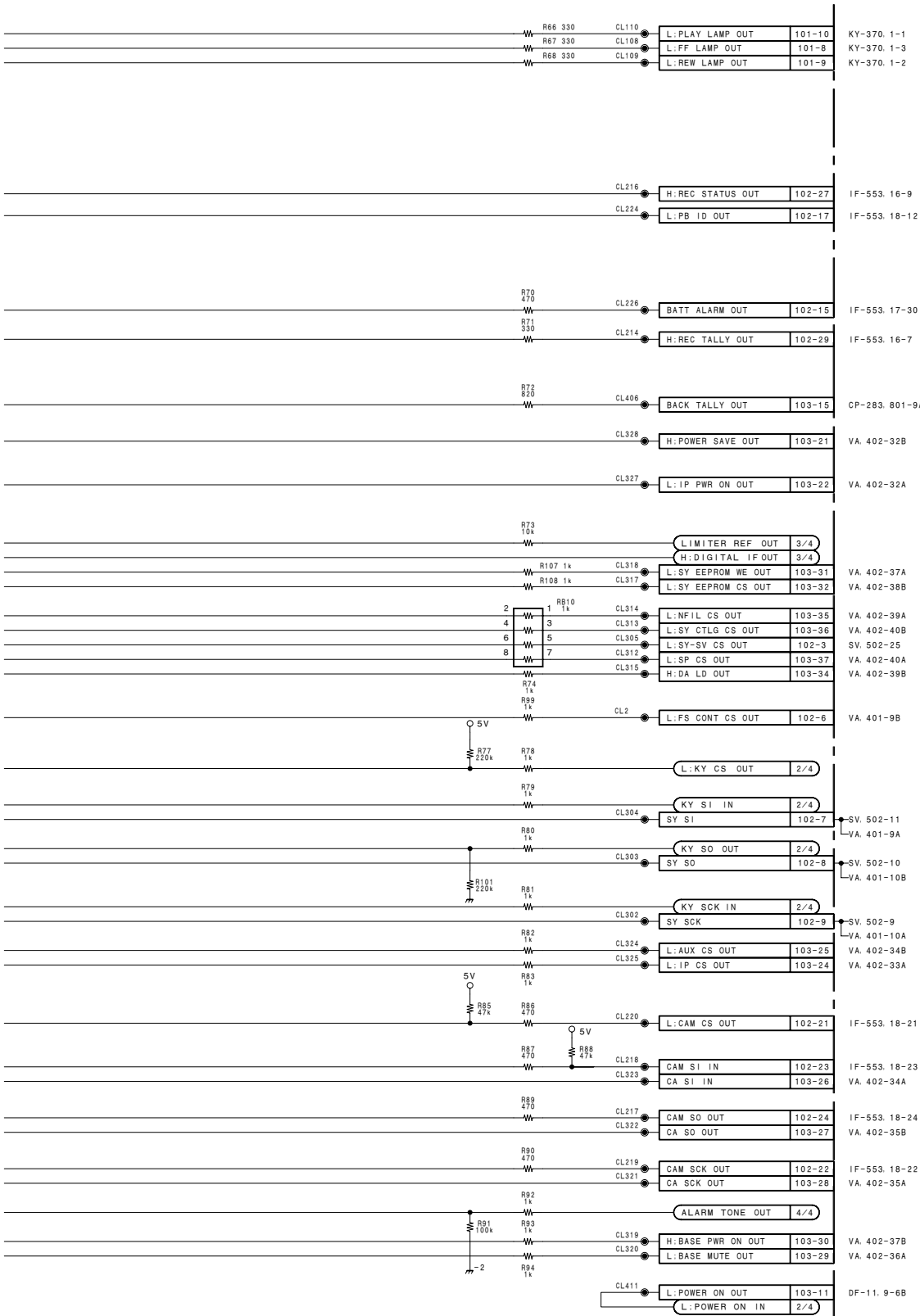
2

3

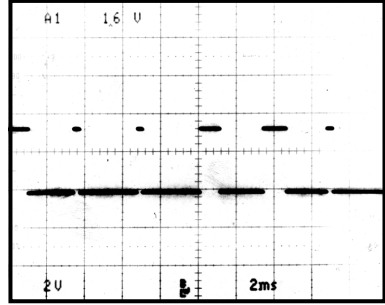
4

5



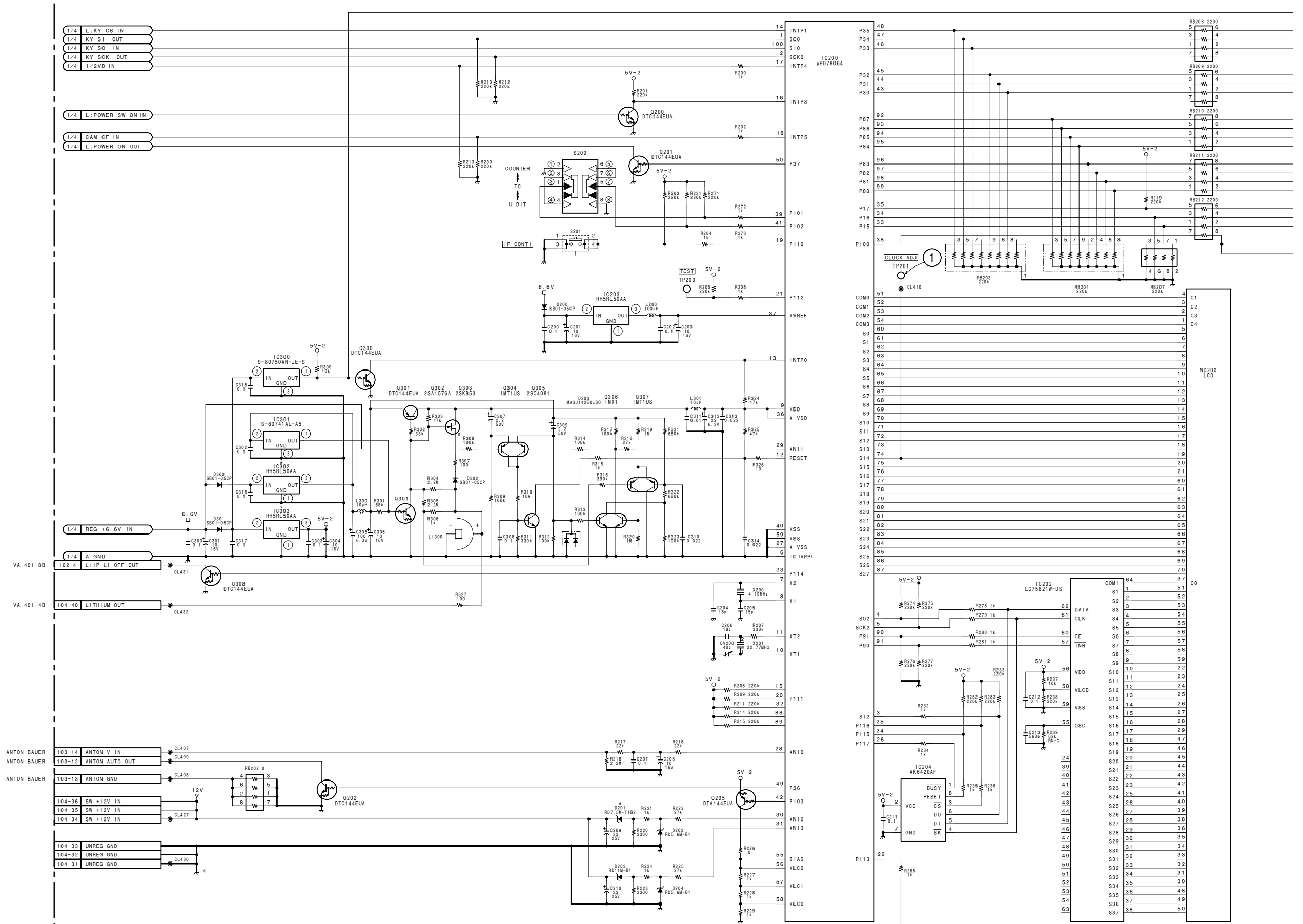


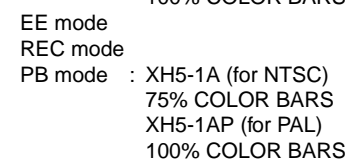
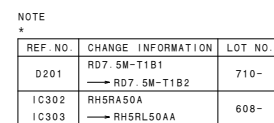
① TP1 EE/REC/PB mode



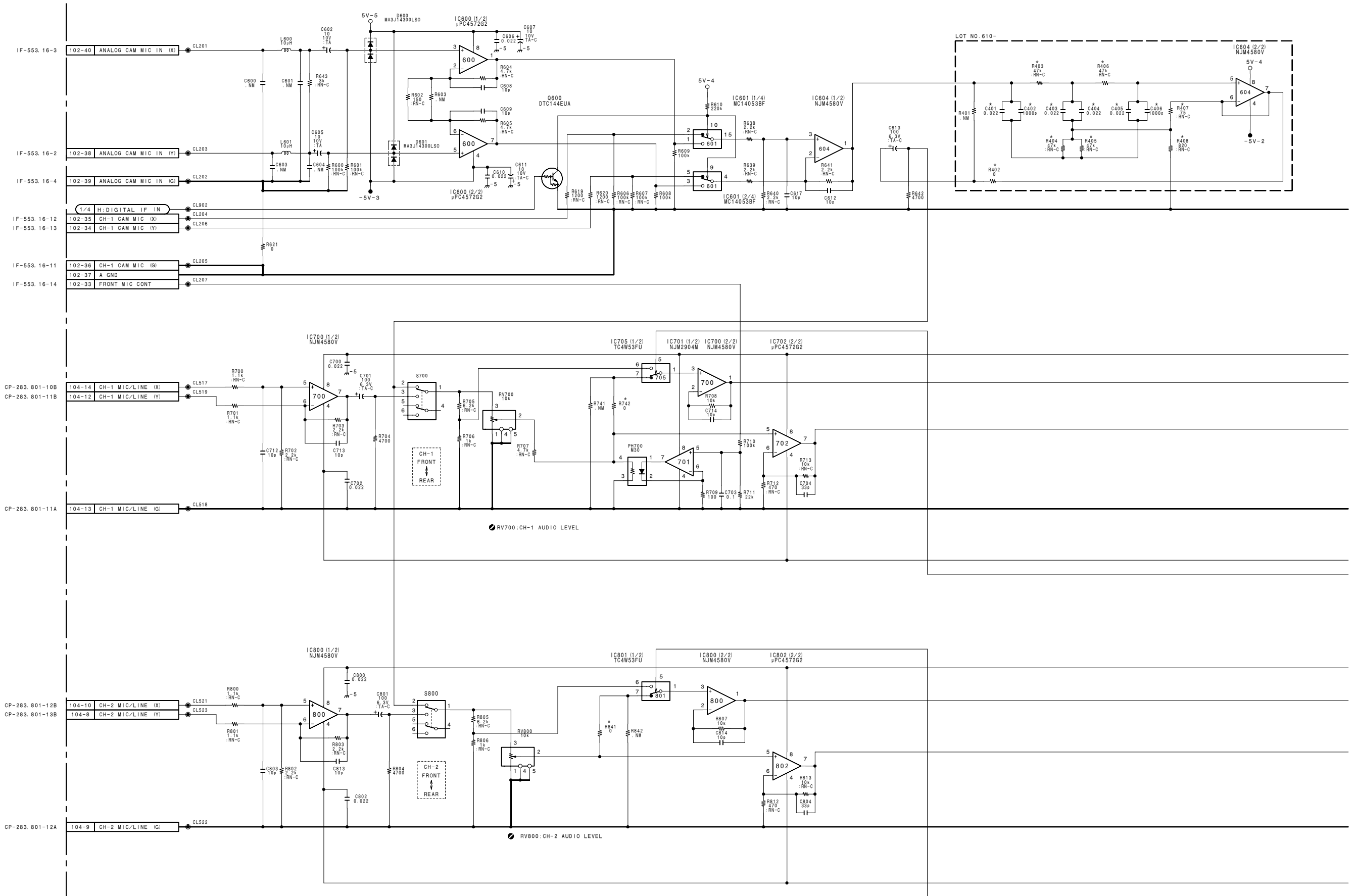
Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)
EE mode
REC mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS
XH5-1AP (for PAL)
100% COLOR BARS

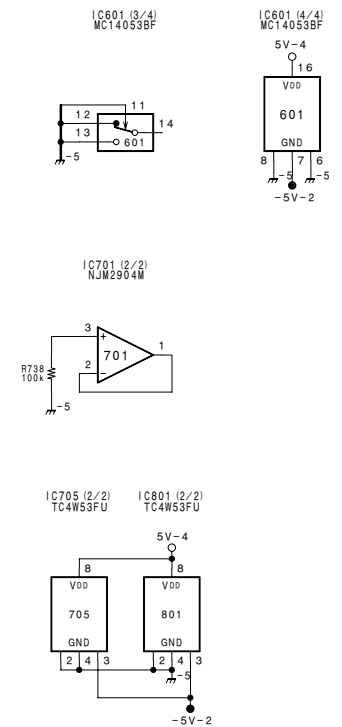
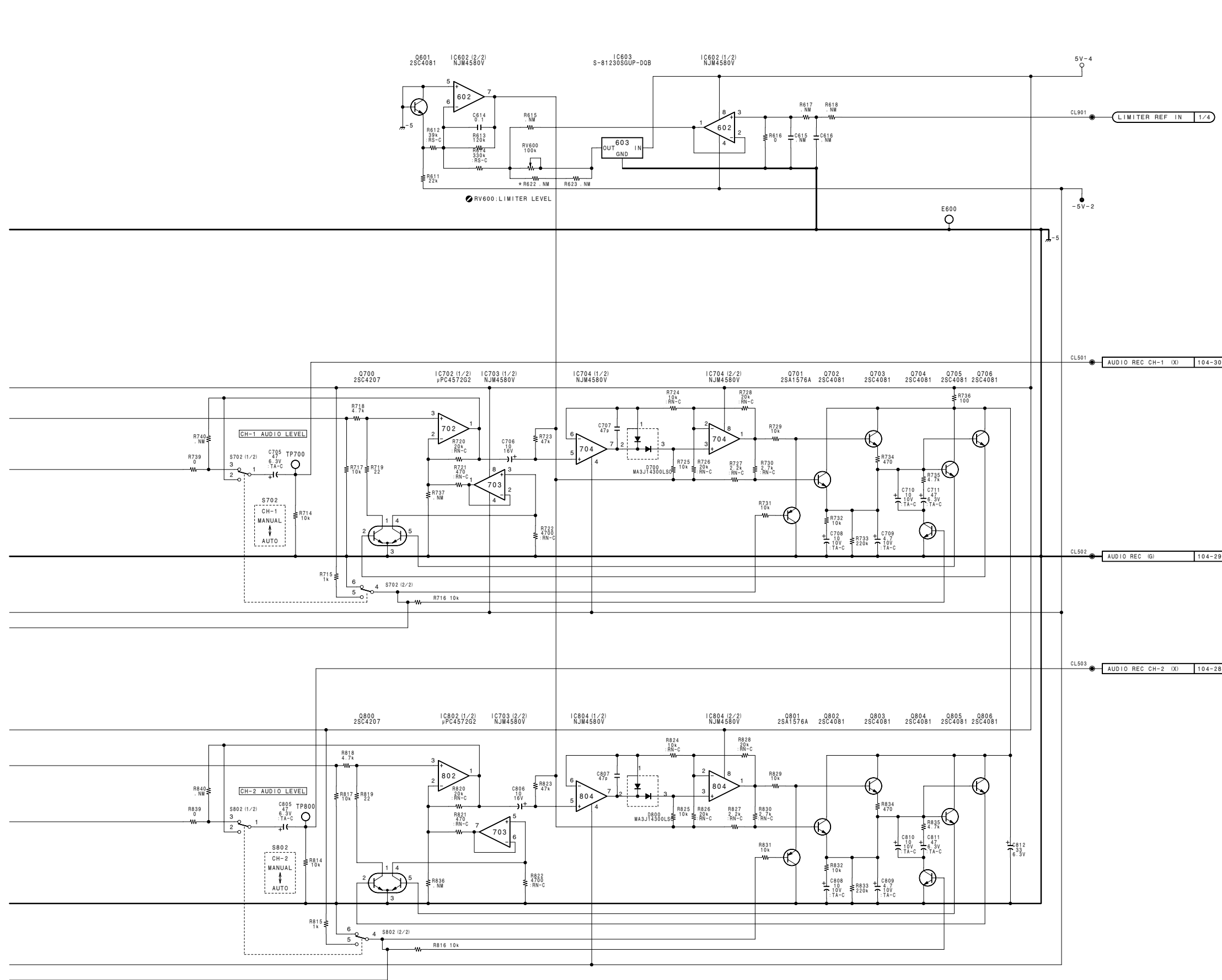
System control
FP-81 (1/4)
BOARD NO. 1-662-870-11, 12, 13
B-DSR1-FP81-13





BOARD NO. 1-662-870-11, 12, 13
B-DSR1-FP81-13

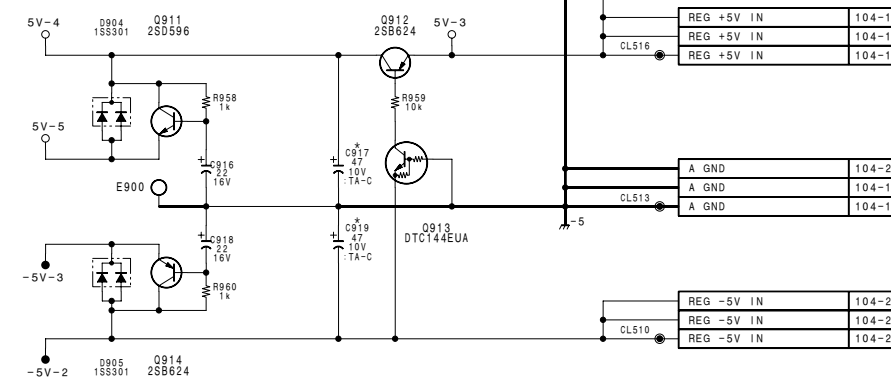
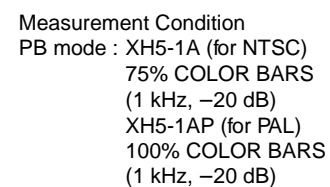
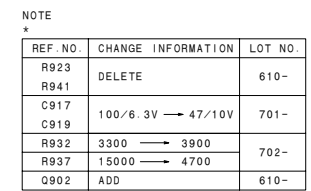




NOTE

REF. NO.	CHANGE INFORMATION	LOT NO.
C401	ADD	610-
C402		
C403		
C404		
C405		
C406		
R402		
R403		
R404		
R405		
R406		
R407		
R408		
R742		
R841		
R622	DELETE	

Audio select & limiter
FP-81 (3/4)
 BOARD NO. 1-662-870-11, 12, 13
 B-DSR1-FP81-13





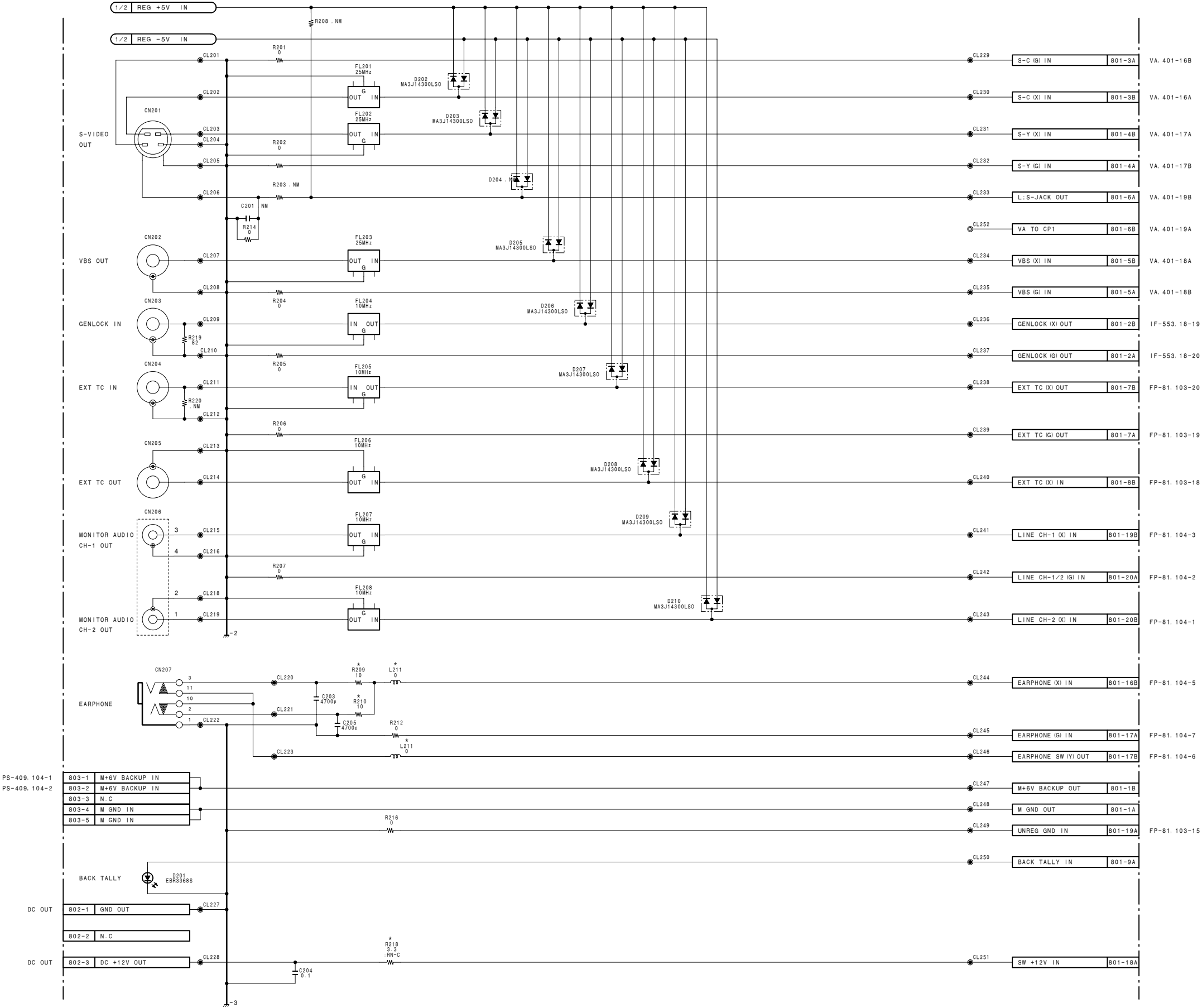
REF. NO.	CHANGE INFORMATION	LOT NO.
C107	10 → 3.3	607-612
C108		
C127 C128	3.3 → 10	701-
C109 C110 C129 C130	10p → 100p	712-
C113 C114	22/6.3V → 22/10V	701-
C115 C116	10/6.3V → 10/10V	
D101 D102 D103 D104	MA3J14300LS0 → ISS302-TE85L	712-
IC101 IC201	UPC4572G2 → NJM2041M-D (TE2)	701-
L211 L213	10pH ADD	
R102 R131	0 → 47	
R118 R119 R148 R149	100k → 33k	701-

Audio in/out connector, Audio MIC amp,
Video out connector, TC in/out connector

CP-283 (1/2)

BOARD NO. 1-662-877-11

B-A8277846A-605B



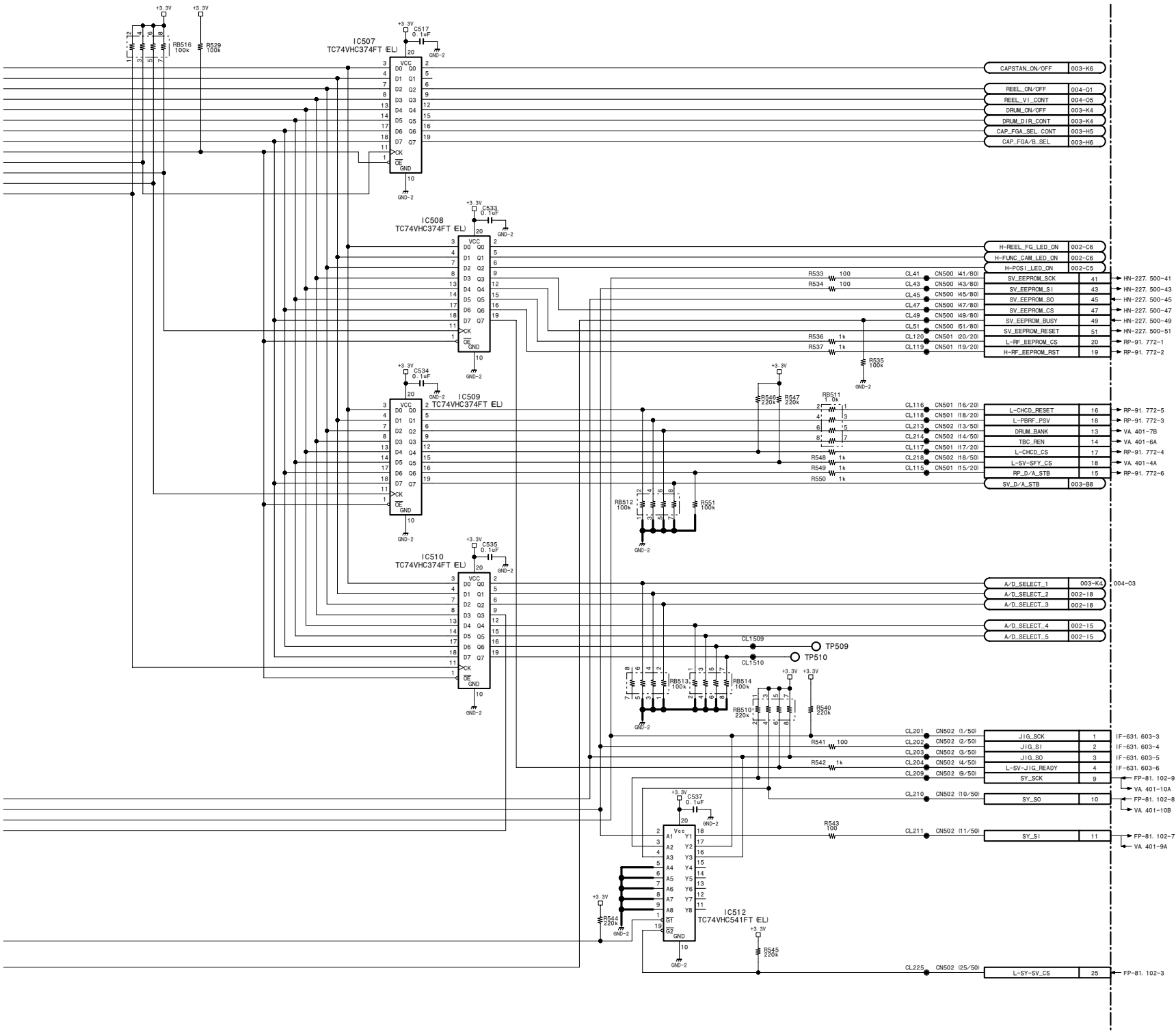
NOTE

REF. NO.	CHANGE	INFOWATION	LOT NO.
R209	0	10	702-
R210			
R211		DELETE	DSR-1P
R213			806-
L211	0	ADD	DSR-1
L213			807-
R218	10	3.3	804-

Audio in/out connector, Audio MIC amp,
Video out connector, TC in/out connector
CP-283 (2/2)
BOARD NO. 1-662-877-11
B-A8277846A-605B

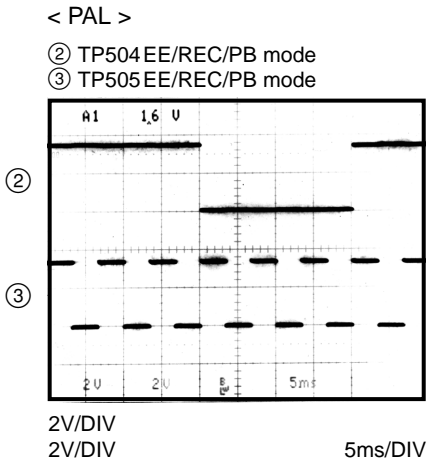
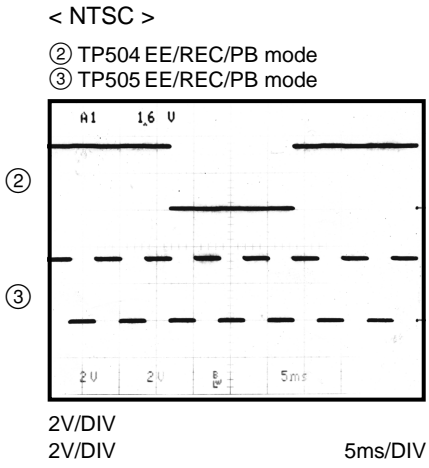
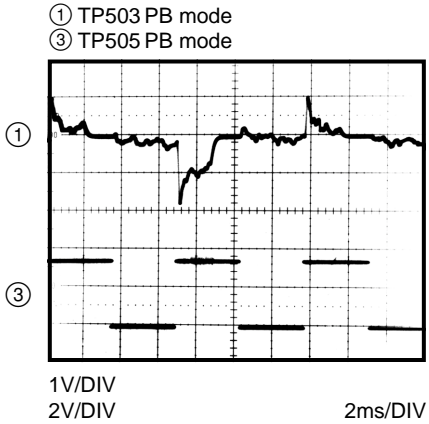
5





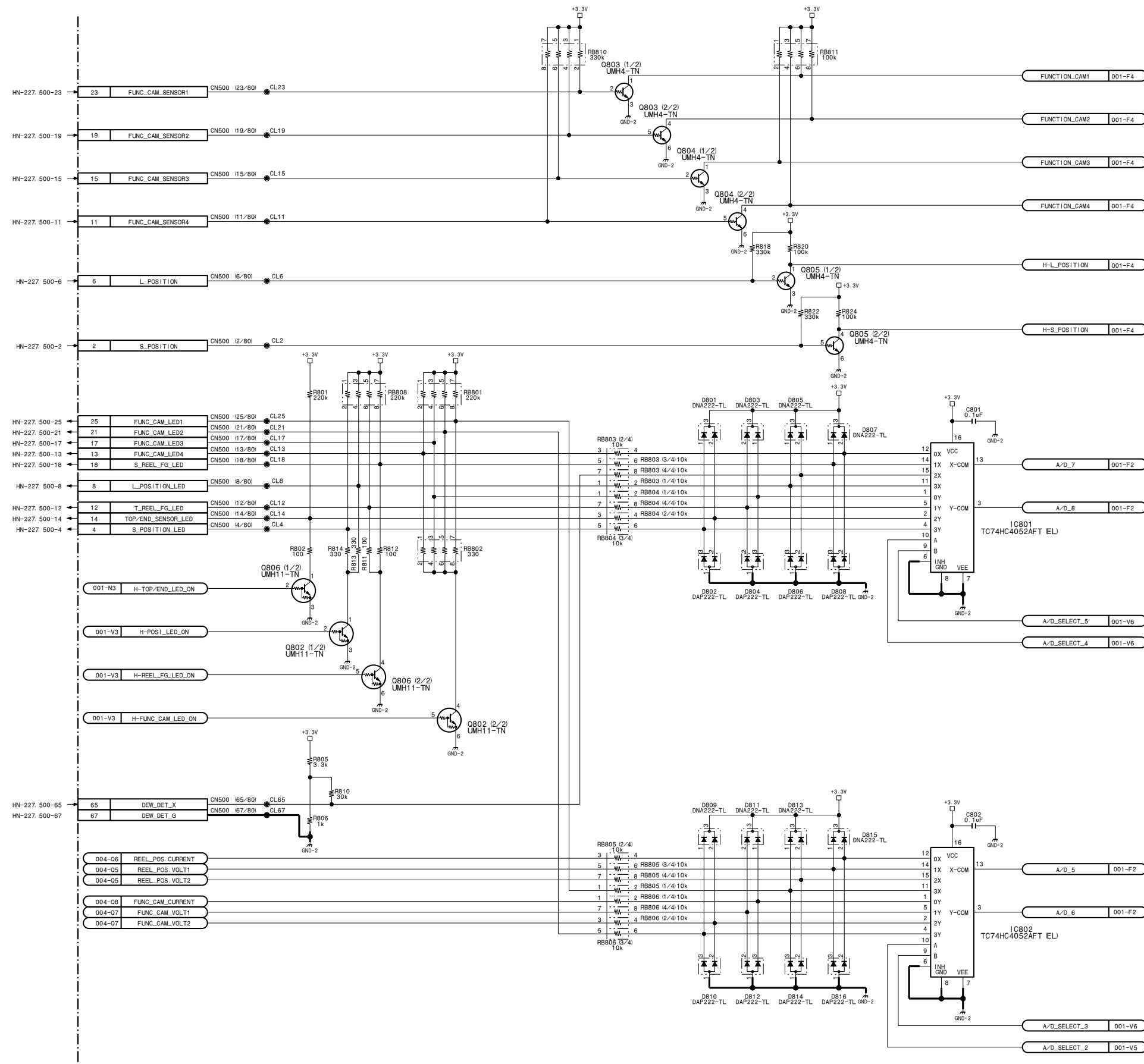
MIC, REC inhibit switch
SE-298

Servo
SV-213 (1/4)
BOARD NO. 1-673-983-12
LOT NO. 0A5-



Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)

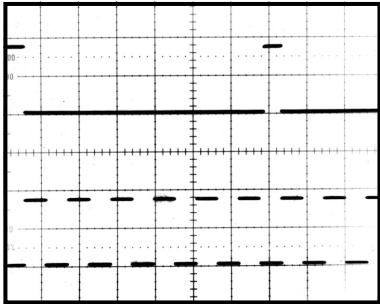
EE mode
REC mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS
XH5-1AP (for PAL)
100% COLOR BARS



Servo
SV-213 (2/4)
BOARD NO. 1-673-983-12
LOT NO. 0A5-

1

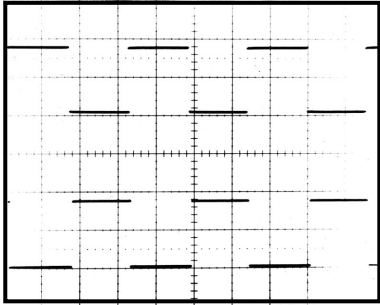
- ① TP400 EE (STBY-ON) /REC/PB mode
② TP401 EE (STBY-ON) /REC/PB mode



2V/DIV
2V/DIV
1ms/DIV

2

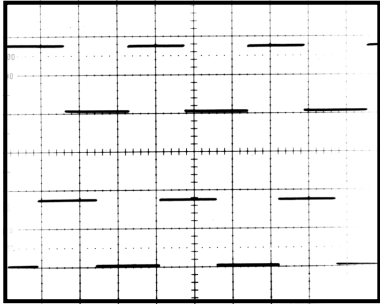
- ③ TP300 REC/PB mode
④ TP301 REC/PB mode



1V/DIV
1V/DIV
200µs/DIV

3

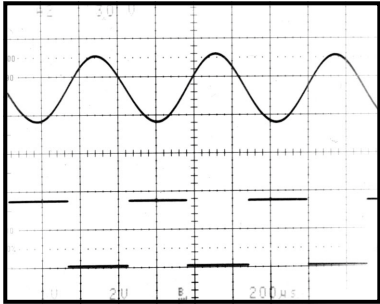
- ④ TP301 REC/PB mode
⑥ TP304 REC/PB mode



1V/DIV
1V/DIV
200µs/DIV

4

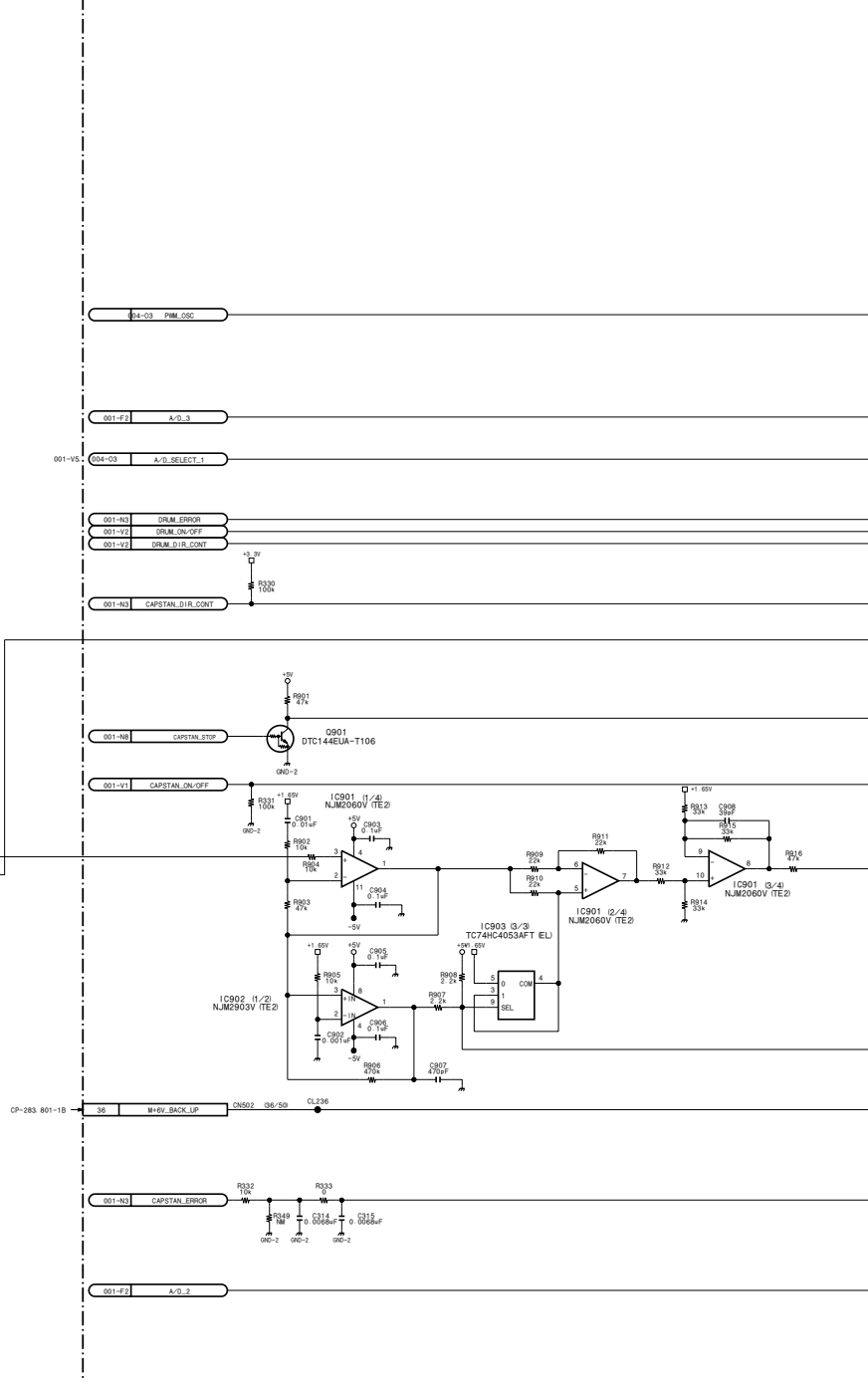
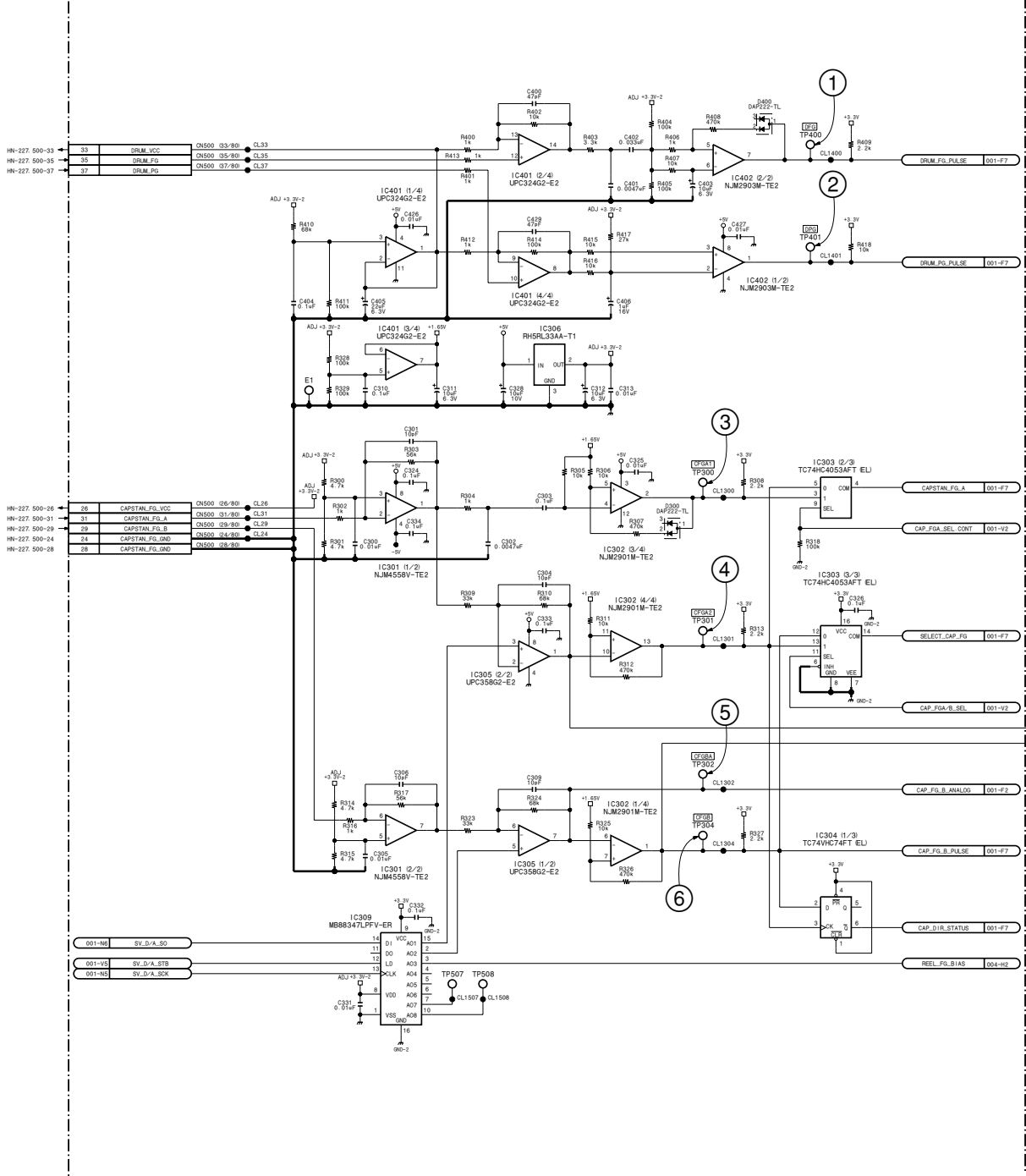
- ⑤ TP302 REC/PB mode
⑥ TP304 REC/PB mode

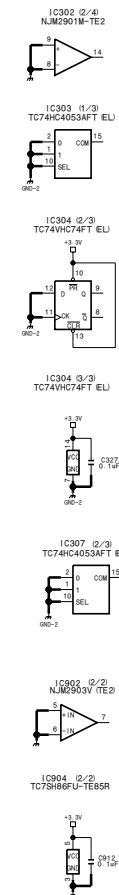


1V/DIV
2V/DIV
200µs/DIV

5

Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)
EE mode
REC mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS
XH5-1AP (for PAL)
100% COLOR BARS

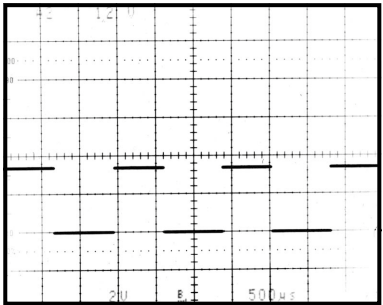




Servo
SV-213 (3/4)
BOARD NO. 1-673-983-12
LOT NO. 0A5-

1

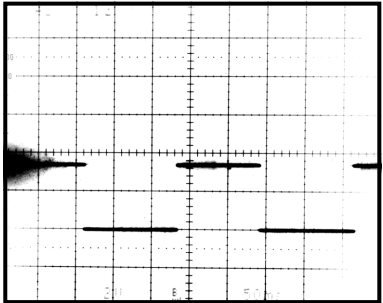
① TP1 REC/PB mode
Mini Tape : Tape Top Side



2V/DIV 500µs/DIV

2

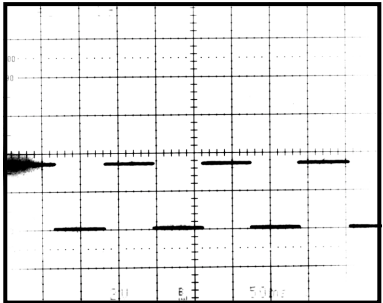
② TP2 REC/PB mode
Mini Tape : Tape Top Side



2V/DIV 50ms/DIV

3

③ TP3 REC/PB mode
Mini Tape : Tape Top Side



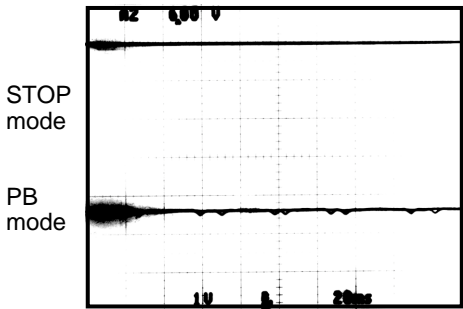
2V/DIV 50ms/DIV

Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)
REC mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS
XH5-1AP (for PAL)
100% COLOR BARS

4

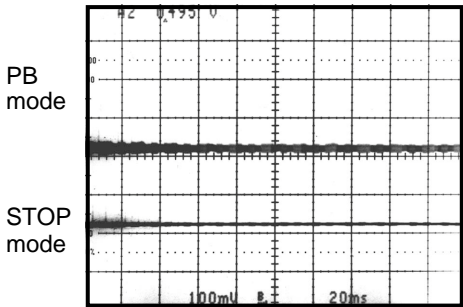
5

④ TP701



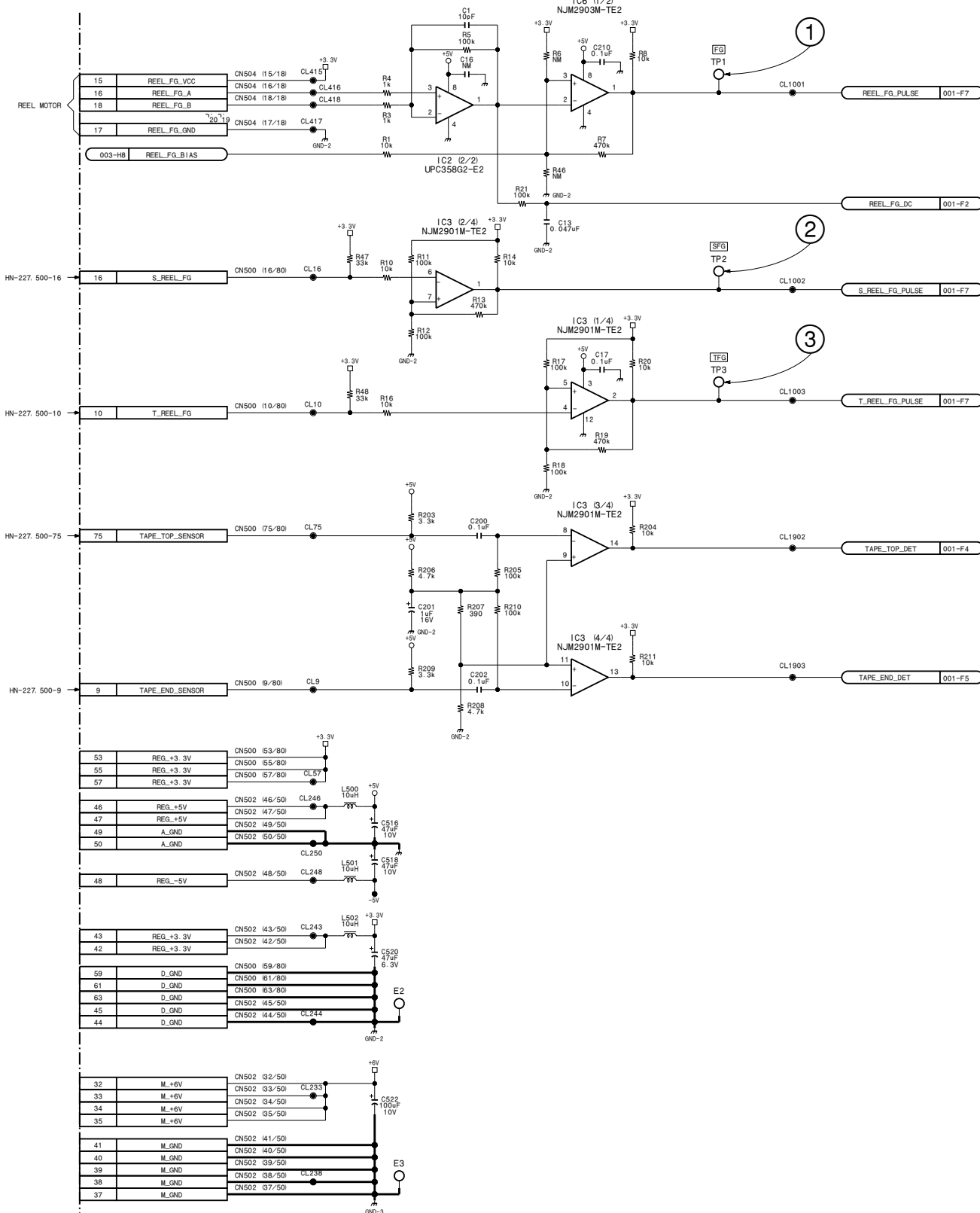
1V/DIV 20ms/DIV

⑤ TP704



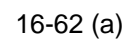
100mV/DIV 20ms/DIV

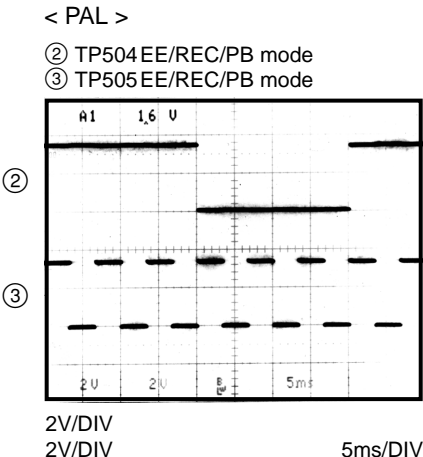
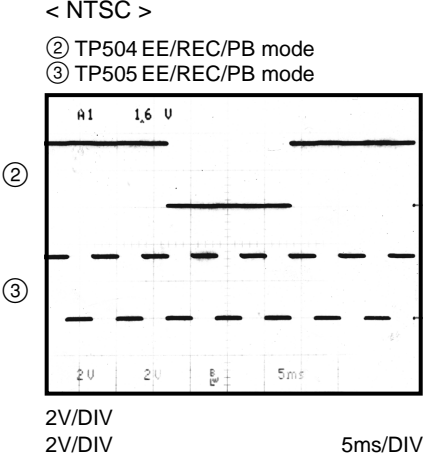
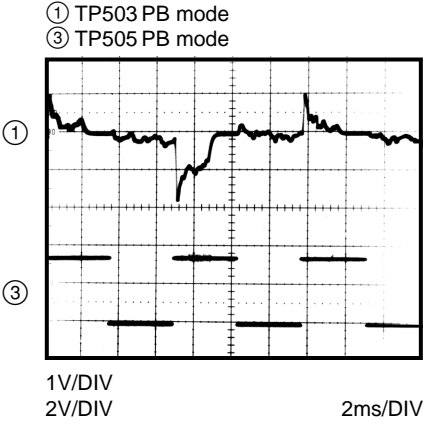
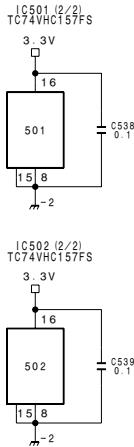
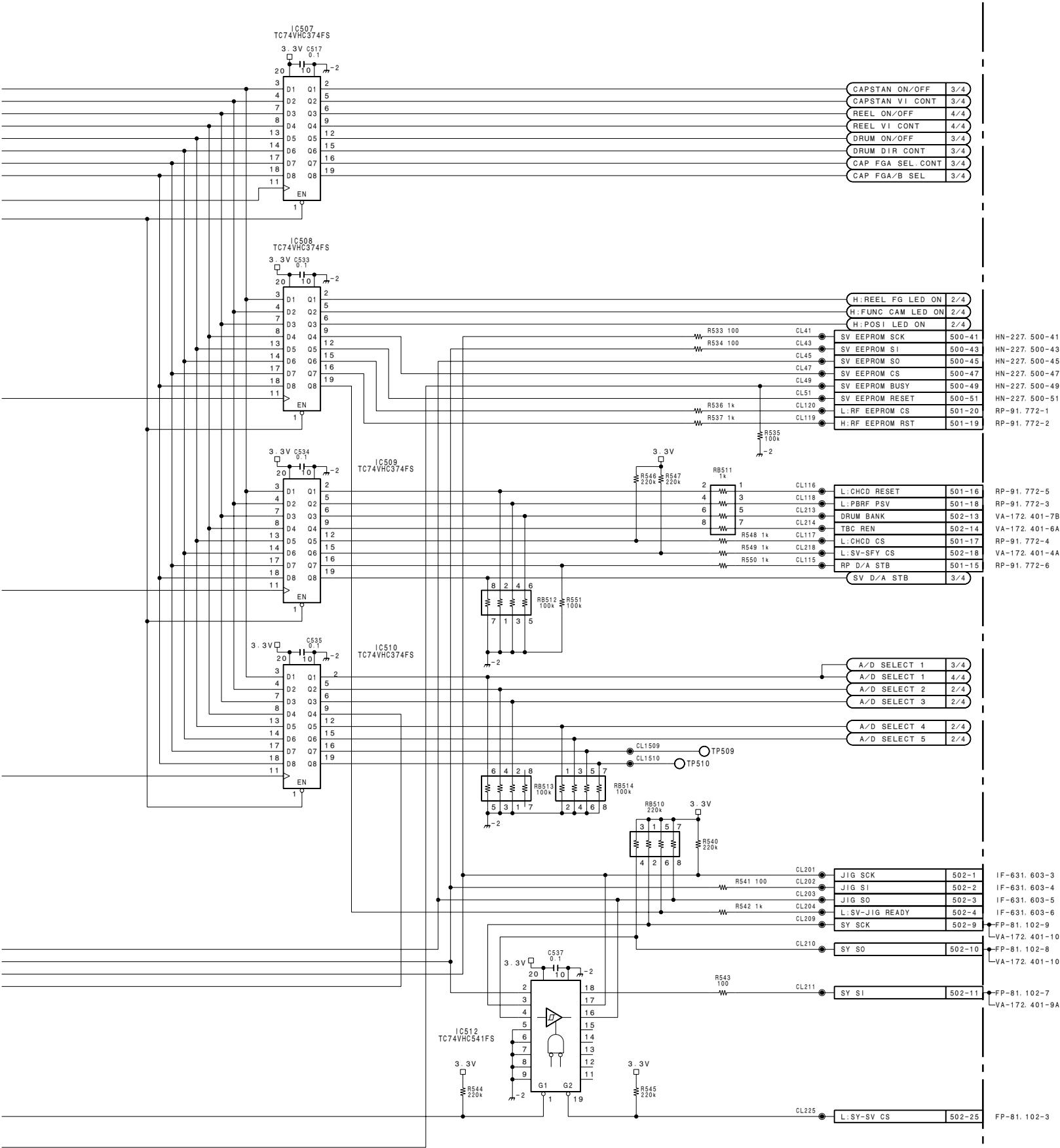
Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)
STOP (EE) mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS
XH5-1AP (for PAL)
100% COLOR BARS





Servo
SV-213 (4/4)
BOARD NO. 1-673-983-12
LOT NO. 0A5-

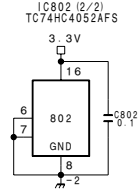
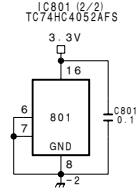
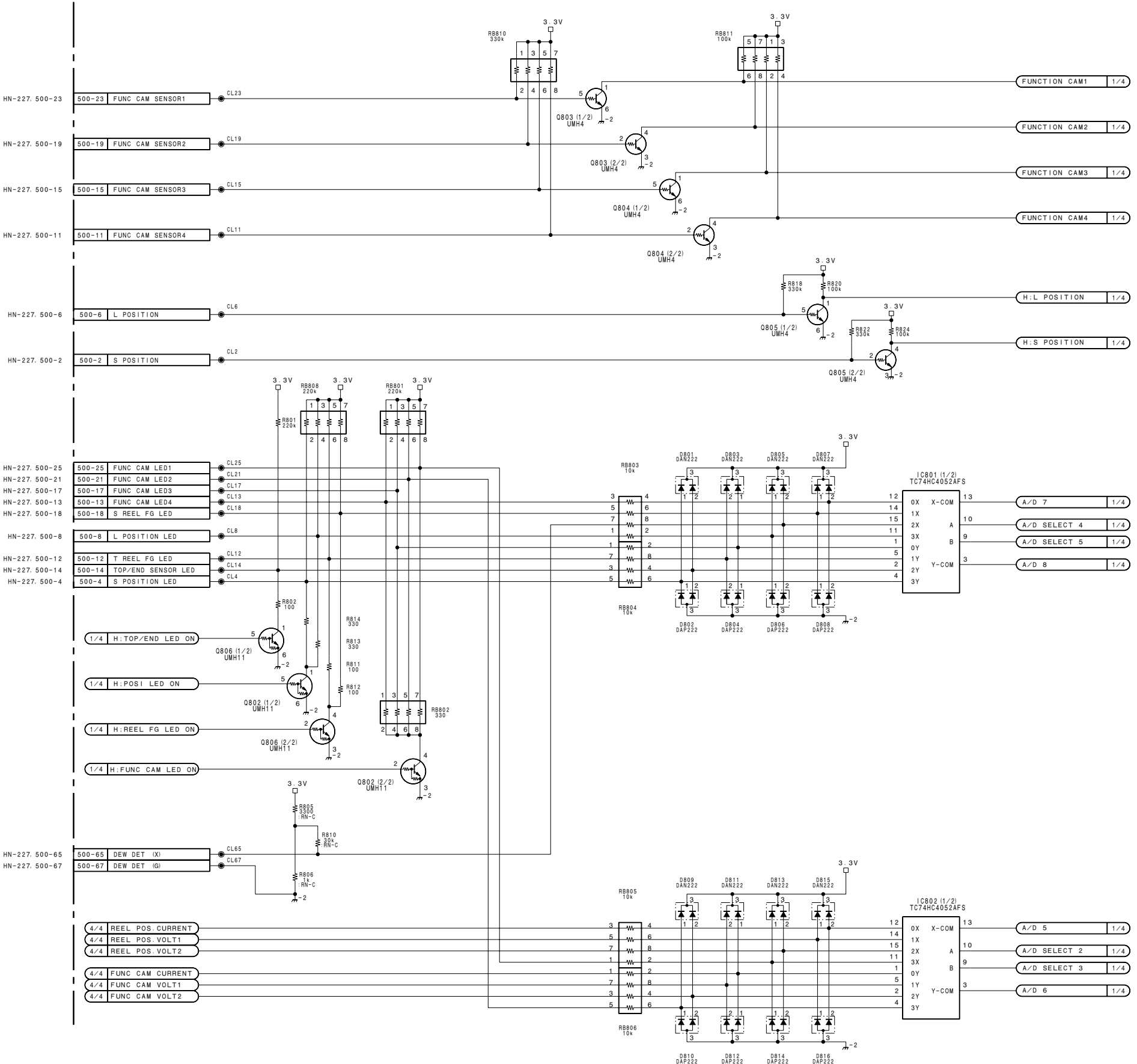




Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)

EE mode
REC mode
PB mode : XH5-1A (for NTSC)
75% COLOR BARS
XH5-1AP (for PAL)
100% COLOR BARS

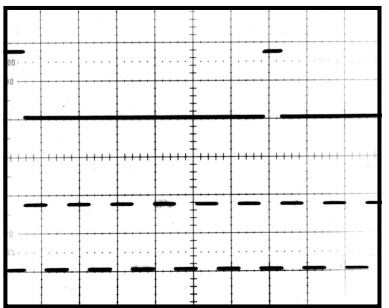
Servo
SV-164 (1/4)
BOARD NO. 1-662-880-12
LOT NO. 605-0A4
B-A8277829A-605E



Servo
SV-164 (2/4)
BOARD NO. 1-662-880-12
LOT NO. 605-0A4
B-A8277829A-605E

1

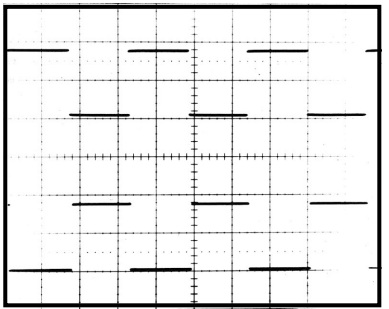
① TP400 EE (STBY-ON) /REC/PB mode
② TP401 EE (STBY-ON) /REC/PB mode



2V/DIV
2V/DIV
1ms/DIV

2

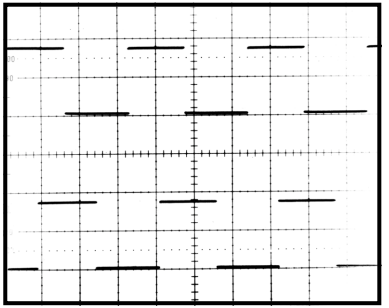
③ TP300 REC/PB mode
④ TP301 REC/PB mode



1V/DIV
1V/DIV
200µs/DIV

3

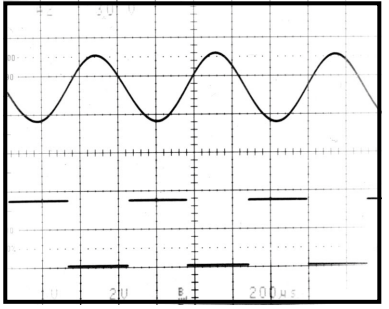
④ TP301 REC/PB mode
⑥ TP304 REC/PB mode



1V/DIV
1V/DIV
200µs/DIV

4

⑤ TP302 REC/PB mode
⑥ TP304 REC/PB mode



1V/DIV
2V/DIV
200µs/DIV

5

Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)
EE mode
REC mode
PB mode : XH5-1A (for NTSC)
XH5-1AP (for PAL)
100% COLOR BARS

A

B

C

16-66 (a)

D

16-66 (a)

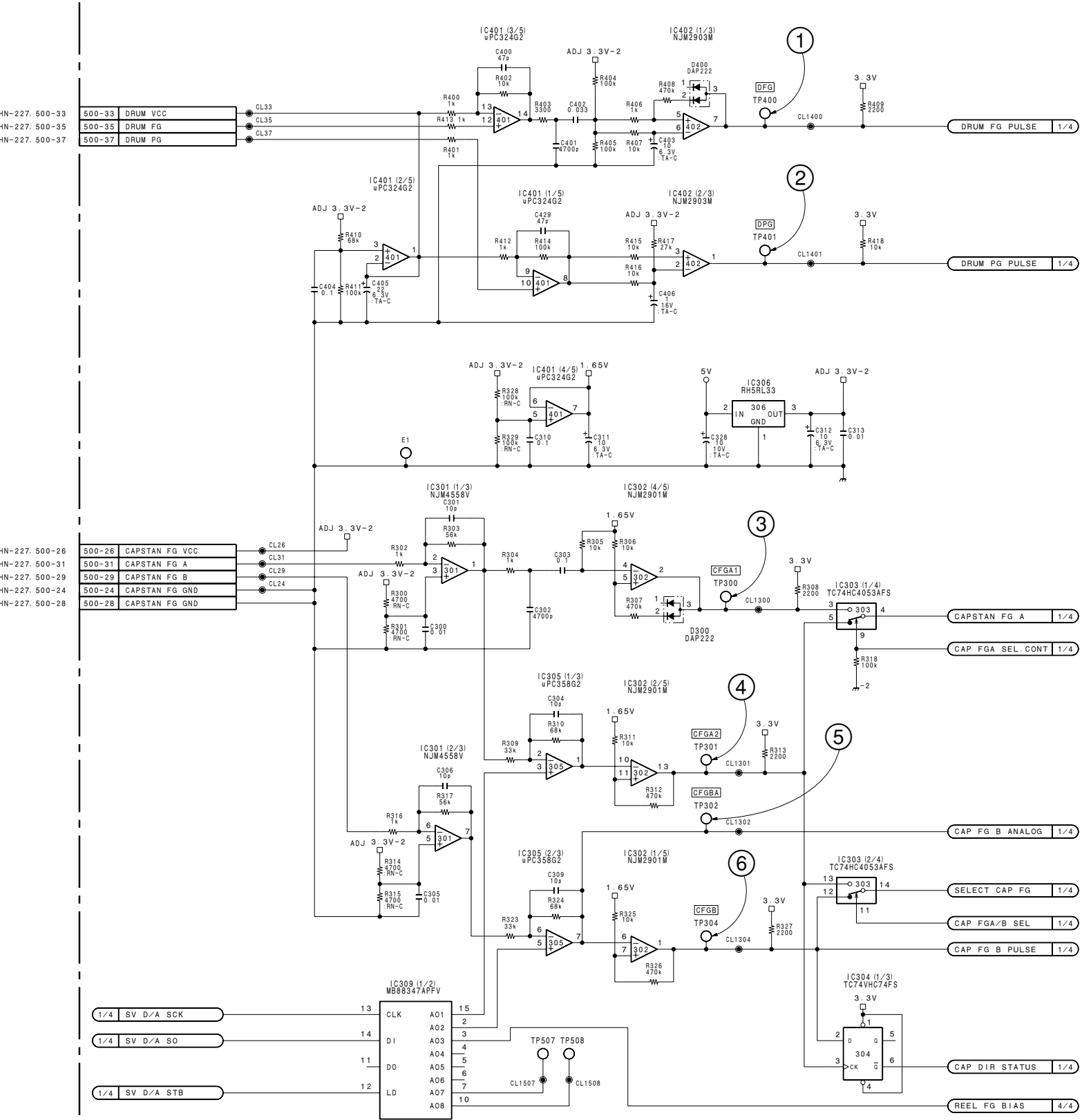
E

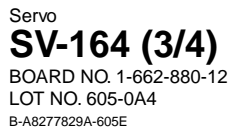
F

G

DSR-1/1P/V2

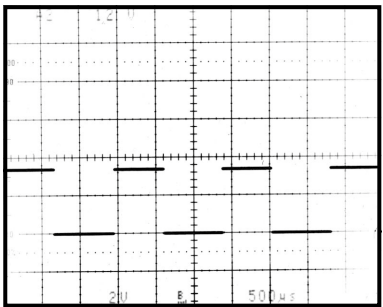
H





1

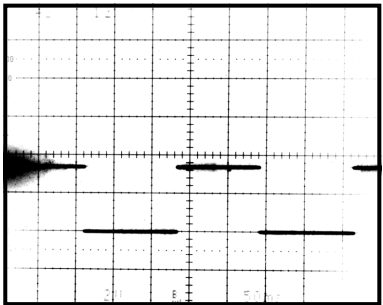
① TP1 REC/PB mode
Mini Tape : Tape Top Side



2V/DIV 500µs/DIV

2

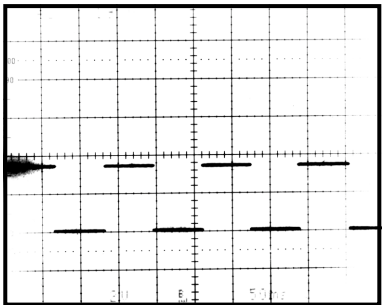
② TP2 REC/PB mode
Mini Tape : Tape Top Side



2V/DIV 50ms/DIV

3

③ TP3 REC/PB mode
Mini Tape : Tape Top Side

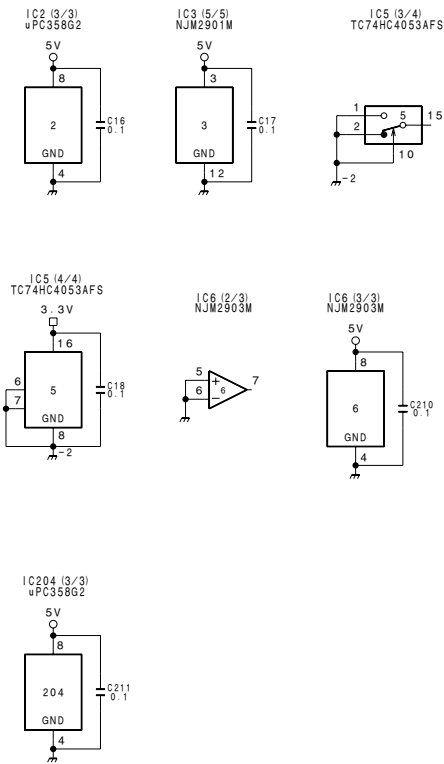


2V/DIV 50ms/DIV

4

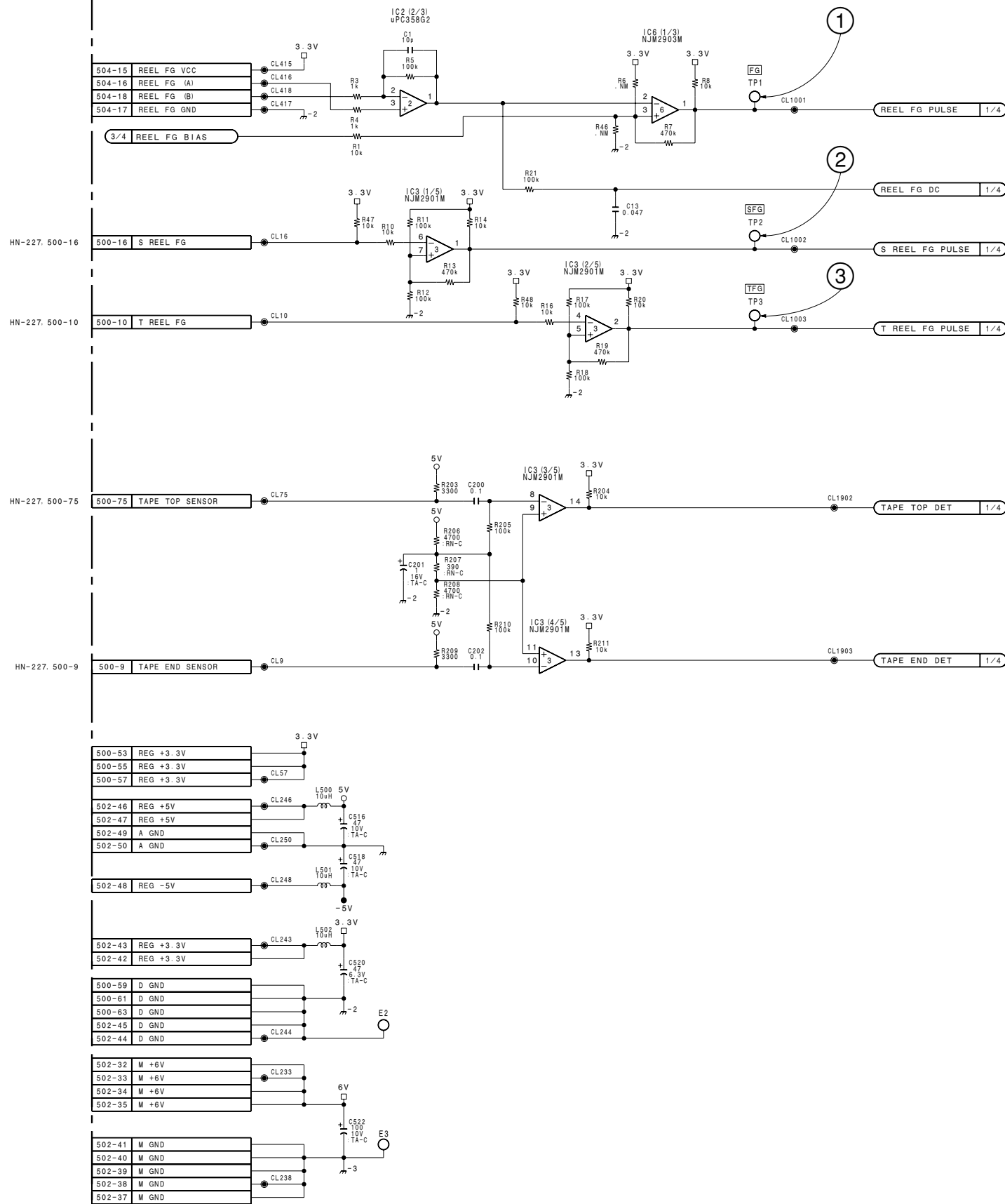
Measurement Condition
Y, R-Y, B-Y : 75% COLOR BARS
SETUP 7.5% (for NTSC)
100% COLOR BARS (for PAL)
REC mode : XH5-1A (for NTSC)
PB mode : XH5-1AP (for PAL)
100% COLOR BARS

5



16-68 (a)

16-68 (a)



DSR-1/1P/V2

A

B

C

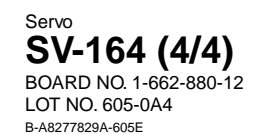
D

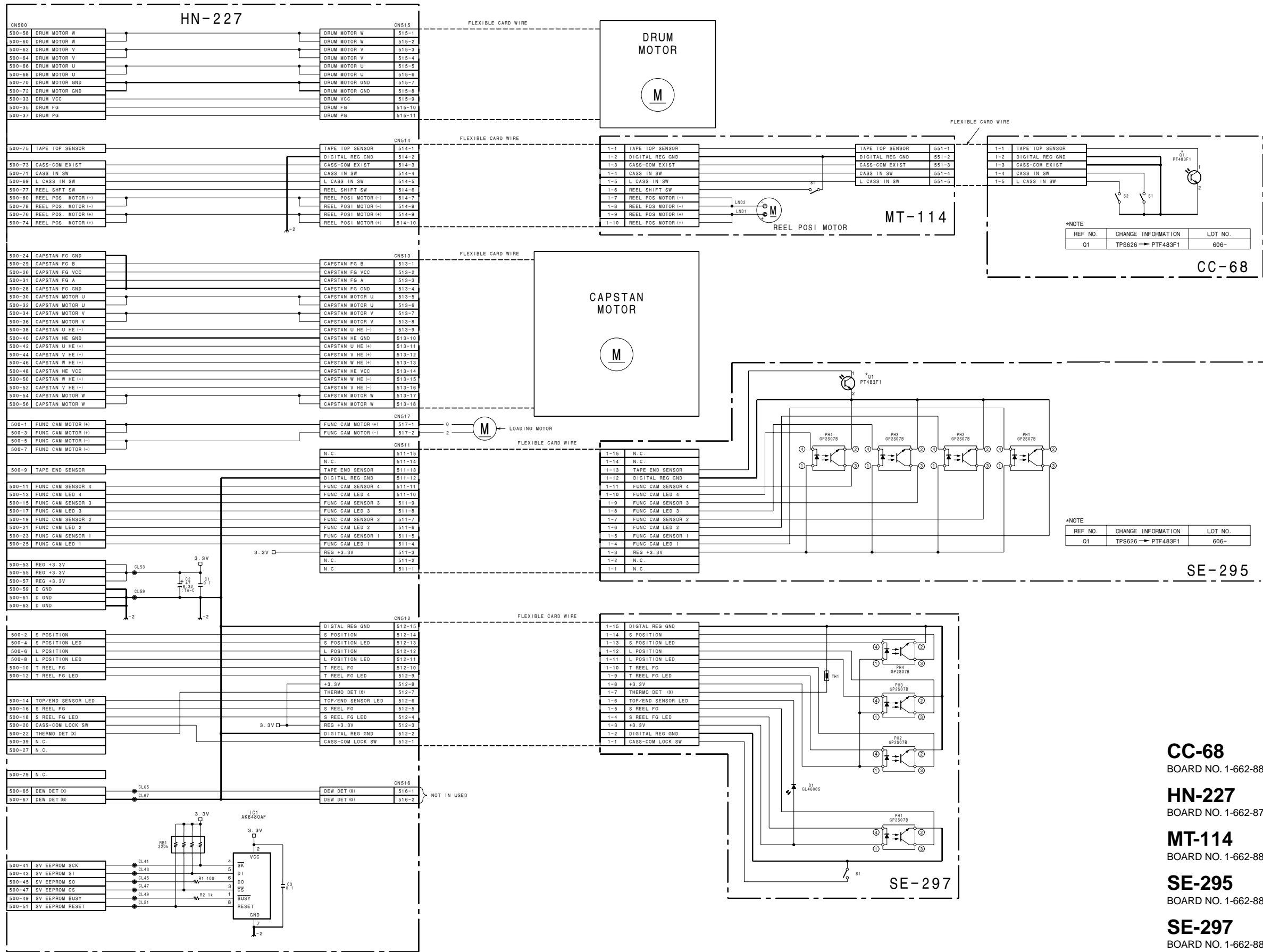
E

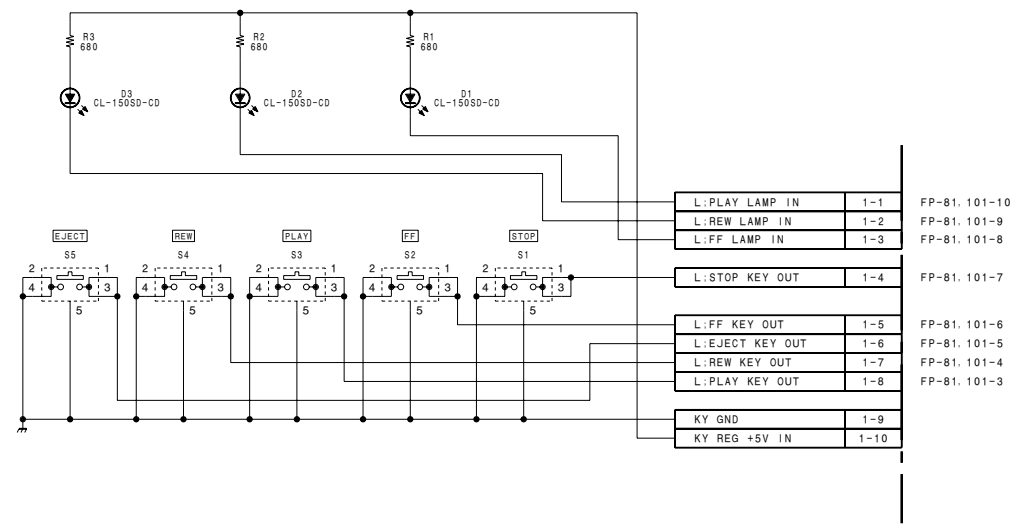
F

G

H







Function key
KY-370
BOARD NO. 1-662-871-11
B-A8277840A-605A

1

CN16 . NM		
1	CHASSIS GND	
2	ANALOG CAM MIC (Y)	601-2A
3	ANALOG CAM MIC (X)	601-2B
4	ANALOG CAM MIC (G)	601-3A
5	50P EARPHONE (G)	601-3B
6	50P EARPHONE (X)	601-4B
7	H:REC TALLY	601-4A, 602-1
8	VTR TRIGGER	601-5A, 602-20
9	H:REC STATUS	601-5B
10	N. C.	
11	CH-1 CAM MIC (G)	602-40
12	CH-1 CAM MIC (X)	602-58
13	CH-1 CAM MIC (Y)	602-59
14	FRONT MIC CONT	602-41
15	D/A DET	602-43
16	50/76 DET	602-62
17	D GND	
18	DCF	602-37
19	DIGITAL DATA0	602-53
20	DIGITAL DATA1	602-72
21	DIGITAL DATA2	602-54
22	DIGITAL DATA3	602-73
23	DIGITAL DATA4	602-55
24	DIGITAL DATA5	602-74
25	DIGITAL DATA6	602-56
26	DIGITAL DATA7	602-75
27	DIGITAL DATA8	602-57
28	DIGITAL DATA9	602-76
29	27M CLK (X)	602-19
30	27M CLK (G)	602-38

2

CN602		
1	H:REC TALLY	016-7, 601-4A
2	CAM SO	018-24, 601-6A
3	CAM SCK	018-22, 601-7A
4	GENLOCK (G)	018-20, 601-8A
5	COMP SYNC (G)	018-18, 601-9A
6	PB VIDEO GND	018-16, 601-10A
7	PB Y (X)	018-14
8	N. C.	
9	N. C.	
10	EE S-C (X)	018-7, 601-14B
11	EE S-Y (X)	018-5, 601-15B
12	COMPONENT R-Y (X)	018-3, 601-16B
13	COMPONENT B-Y (X)	018-1, 601-17B
14	N. C.	
15	N. C.	
16	CAM GND	
17	SW +12V	
18	UNREG GND	
19	27M CLK (X)	016-28
20	VTR TRIGGER	016-8, 601-5A
21	CAM SI	018-23, 601-6B
22	L:CAM CS	018-21, 601-7B
23	GENLOCK (X)	018-19, 601-8B
24	COMP SYNC (X)	018-17, 601-9B
25	PB VBS (X)	018-15, 601-10B
26	CAM CF	018-13, 601-11A
27	N. C.	
28	EE S-C (G)	018-8, 601-14A
29	EE S-Y (G)	018-6, 601-15A
30	COMPONENT GND	018-4, 018-5, 018-6, 601-16A
31	COMPONENT Y (X)	018-2, 601-17A
32	BATT ALARM	017-1, 601-18A
33	N. C.	
34	N. C.	
35	SW +12V	
36	UNREG GND	
37	DCF	016-18
38	27M CLK (G)	016-29
39	N. C.	
40	CH-1 CAM MIC (G)	016-11
41	FRONT MIC CONT	016-14
42	N. C.	
43	D/A DET	016-15
44	N. C.	
45	N. C.	
46	N. C.	
47	N. C.	
48	N. C.	
49	N. C.	
50	N. C.	
51	N. C.	
52	D GND	
53	DIGITAL DATA0	016-18
54	DIGITAL DATA2	016-20
55	DIGITAL DATA4	016-22
56	DIGITAL DATA6	016-24
57	DIGITAL DATA8	016-26
58	CH-1 CAM MIC (X)	016-12
59	CH-1 CAM MIC (Y)	016-13
60	N. C.	
61	N. C.	
62	50/76 DET	016-16
63	N. C.	
64	N. C.	
65	N. C.	
66	N. C.	
67	N. C.	
68	N. C.	
69	N. C.	
70	N. C.	
71	N. C.	
72	DIGITAL DATA1	016-19
73	DIGITAL DATA3	016-21
74	DIGITAL DATA5	016-23
75	DIGITAL DATA7	016-25
76	DIGITAL DATA9	016-27

3



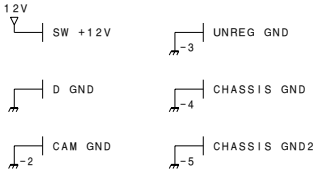
4

CN601			
A		B	
	N. C.	1	CHASSIS GND
016-2	ANALOG CAM MIC (Y)	2	ANALOG CAM MIC (X)
016-4	ANALOG CAM MIC (G)	3	50P EARPHONE (G)
016-7, 602-1	H:REC TALLY	4	50P EARPHONE (X)
016-8, 602-20	VTR TRIGGER	5	H:REC STATUS
018-24, 602-2	CAM SO	6	CAM SI
018-22, 602-3	CAM SCK	7	L:CAM CS
018-20, 602-4	GENLOCK (G)	8	GENLOCK (X)
018-18, 602-5	COMP SYNC (G)	9	COMP SYNC (X)
018-16, 602-6	PB VIDEO GND	10	PB VBS (X)
018-13, 602-26	CAM CF	11	L:PB ID
	N. C.	12	N. C.
018-10	L:VTR SAVE	13	N. C.
018-8, 602-28	EE S-C (G)	14	EE S-C (X)
018-6, 602-29	EE S-Y (G)	15	EE S-Y (X)
018-4, 018-5, 018-6, 602-30	COMPONENT GND	16	COMPONENT R-Y (X)
018-2, 602-31	COMPONENT Y (X)	17	COMPONENT B-Y (X)
017-1, 602-32	BATT ALARM	18	L:REC REVIEW
	N. C.	19	N. C.
	N. C.	20	N. C.
	N. C.	21	CAM GND
	SW +12V	22	SW +12V
	UNREG GND	23	UNREG GND
	N. C.	24	N. C.
	CHASSIS GND2	25	CHASSIS GND2

CN18 . NM		
1	COMPONENT B-Y (X)	601-17B, 602-13
2	COMPONENT Y (X)	601-17A, 602-31
3	COMPONENT R-Y (X)	601-16B, 602-12
4	COMPONENT GND	601-16A, 602-30
5	COMPONENT GND	601-16A, 602-30
6	COMPONENT GND	601-16A, 602-30
7	EE S-Y (X)	601-15B, 602-11
8	EE S-Y (G)	601-15A, 602-29
9	EE S-C (X)	601-14B, 602-10
10	EE S-C (G)	601-14A, 602-28
11	L:VTR SAVE	601-13A
12	L:PB ID	601-11B
13	CAM CF	601-11A, 602-26
14	PB Y (X)	602-7
15	PB VBS (X)	601-10B, 602-25
16	PB VIDEO GND	601-10A, 602-6
17	COMP SYNC (X)	601-9B, 602-24
18	COMP SYNC (G)	601-9A, 602-5
19	GENLOCK (X)	601-8B, 602-23
20	GENLOCK (G)	601-8A, 602-4
21	L:CAM CS	601-7B, 602-22
22	CAM SCK	601-7A, 602-3
23	CAM SI	601-6B, 602-21
24	CAM SO	601-6A, 602-2

CN17 . NM		
1	CHASSIS GND2	
2	CHASSIS GND2	
3	CHASSIS GND2	
4	CHASSIS GND2	
5	UNREG GND	
6	UNREG GND	
7	UNREG GND	
8	UNREG GND	
9	UNREG GND	
10	UNREG GND	
11	UNREG GND	
12	UNREG GND	
13	UNREG GND	
14	UNREG GND	
15	SW +12V	
16	SW +12V	
17	SW +12V	
18	SW +12V	
19	SW +12V	
20	SW +12V	
21	SW +12V	
22	SW +12V	
23	SW +12V	
24	SW +12V	
25	CAM GND	
26	CAM GND	
27	CAM GND	
28	CAM GND	
29	L:REC REVIEW	601-18B
30	BATT ALARM	601-18A, 602-32

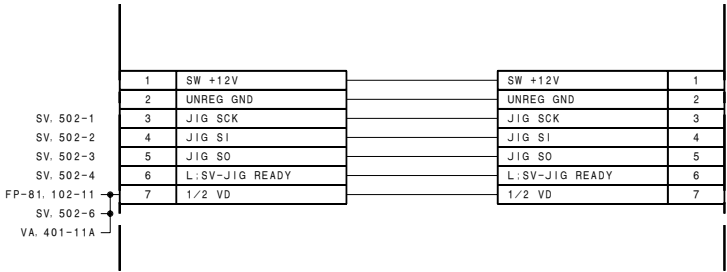
5



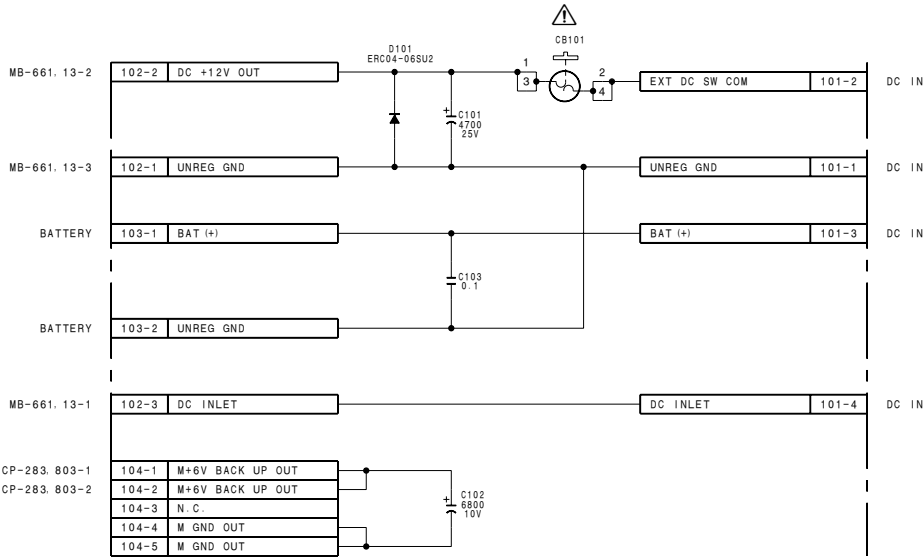
76pin/50pin connector

IF-553

BOARD NO. 1-662-876-11
B-A8277845A-605B



Service jig connector
IF-631
BOARD NO. 1-662-873-11
B-A8277842A-605A



Circuit protector
PS-409
BOARD NO. 1-662-872-11, 12
B-A8277841A-605B

IF-553

CN16		
1	CHASSIS GND	
2	ANALOG CAM MIC (Y)	001-3
3	ANALOG CAM MIC (X)	001-1
4	ANALOG CAM MIC (G)	001-2
5	50P EARPONE (G)	001-9
6	50P EARPONE (X)	001-10
7	H:REC TALLY	001-12
8	VTR TRIGGER	001-13
9	H:REC STATUS	001-14
10	N.C	
11	CH-1 CAM MIC (G)	001-5
12	CH-1 CAM MIC (X)	001-6
13	CH-1 CAM MIC (Y)	001-7
14	FRONT MIC CONT	001-8
15	D/A DET	001-15
16	50/76 DET	001-16
17	D GND	
18	DCF	401-24A
19	DIGITAL DATA0	401-25B
20	DIGITAL DATA1	401-25A
21	DIGITAL DATA2	401-26B
22	DIGITAL DATA3	401-26A
23	DIGITAL DATA4	401-27B
24	DIGITAL DATA5	401-27A
25	DIGITAL DATA6	401-28B
26	DIGITAL DATA7	401-28A
27	DIGITAL DATA8	401-29B
28	DIGITAL DATA9	401-29A
29	27M CLK (X)	401-30A
30	27M CLK (G)	

VA-172/205

CN401				
A		1	B	
005-28	SP SI	1	L:SP-SV CS	005-27
005-30	SP SCK	2	SP SO	005-29
005-32	FLTD	3	TRKD	005-31
005-33	L:SV-SFY CS	4	LITHIUM	003-31
005-35	SV SO	5	SV SCK	005-34
005-37	TBC REN	6	SV SI	005-36
005-39	JSWP	7	DRUM BANK	005-38
001-36	VA COMP SYNC	8	L:IP LI OFF	001-37
001-34, 005-40	SY SI	9	L:FSCONT CS	001-35
001-32, 005-42	SY SCK	10	SY SO	001-33, 005-41
001-30, 005-45, 015-7	1/2 VD	11	SV TRKD	001-31, 005-43
001-39	L:DV CS	12	L:RESET	001-29, 005-46
	COMPONENT GND	13	COMPONENT B-Y (X)	018-1
	COMPONENT GND	14	COMPONENT Y (X)	018-2
	COMPONENT GND	15	COMPONENT R-Y (X)	018-3
801-3A	S-C (X)	16	S-C (G)	801-3B
801-4A	S-Y (X)	17	S-Y (G)	801-4B
801-5A	VBS (X)	18	VBS (G)	801-5B
801-6A	VA TO CP1	19	L:S JACK	801-6B
018-8	EE S-Y (G)	20	EE S-Y (X)	018-7
018-10	EE S-C (G)	21	EE S-C (X)	018-9
	PB VIDEO GND	22	PB Y (X)	018-14
	PB VIDEO GND	23	PB VBS (X)	018-15
016-18	DCF	24	D GND	
016-20	DIGITAL DATA1	25	DIGITAL DATA0	016-19
016-22	DIGITAL DATA3	26	DIGITAL DATA2	016-21
016-24	DIGITAL DATA5	27	DIGITAL DATA4	016-23
016-26	DIGITAL DATA7	28	DIGITAL DATA6	016-25
016-28	DIGITAL DATA9	29	DIGITAL DATA8	016-27
016-29	27M CLK (X)	30	27M CLK (G)	

SV-164/213

CNS		
1	A GND	
2	A GND	
3	REG -5V	
4	REG +5V	
5	REG +5V	
6	D GND	
7	D GND	
8	REG +3.3V	
9	REG +3.3V	
10	M GND	
11	M GND	
12	M GND	
13	M GND	
14	M GND	
15	M +6V BACKUP	
16	M +6V	
17	M +6V	
18	M +6V	
19	M +6V	
20	N.C	
21	MIC SDA	002-3
22	MIC SCL	002-2
23	MIC VDD	002-1
24	MIC GND	001-40
25	N.C	
26	L:SY-SV CS	001-38
27	L:SP-SV CS	401-1B
28	SP SI	401-1A
29	SP SO	401-2B
30	SP SCK	401-2A
31	TRKD	401-3B
32	FLTD	401-3A
33	L:SV-SFY CS	401-4A
34	SV SCK	401-5B
35	SV SO	401-5A
36	SV SI	401-6B
37	TBC REN	401-6A
38	DRUM BANK	401-7B
39	JSWP	401-7A
40	SY SI	001-34, 401-9A
41	SY SO	001-33, 401-10B
42	SY SCK	001-32, 401-10A
43	SV TRKD	001-31, 401-11B
44	CAM CF	001-23, 018-13
45	1/2 VD	001-30, 015-7, 401-11A
46	L:RESET	001-29, 401-12B
47	L:SV-JIG READY	015-6
48	JIG SO	015-5
49	JIG SI	015-4
50	JIG SCK	015-3

IF-553

CN17		
1	CHASSIS GND	
2	CHASSIS GND	
3	CHASSIS GND	
4	CHASSIS GND	
5	UNREG GND	
6	UNREG GND	
7	UNREG GND	
8	UNREG GND	
9	UNREG GND	
10	UNREG GND	
11	UNREG GND	
12	UNREG GND	
13	UNREG GND	
14	UNREG GND	
15	SW +12V	
16	SW +12V	
17	SW +12V	
18	SW +12V	
19	SW +12V	
20	SW +12V	
21	SW +12V	
22	SW +12V	
23	SW +12V	
24	SW +12V	
25	CAM GND	
26	CAM GND	
27	CAM GND	
28	CAM GND	
29	L:REC REVIEW	001-27
30	BATT ALARM	001-26

VA-172/205

CN402				
A		1	B	
	D GND	1	D GND	
	D GND	2	D GND	
	REG +3.3V	3	REG +3.3V	
	REG +3.3V	4	REG +3.3V	
	REG +3V	5	REG +3V	
	D GND	6	D GND	
	REG +5V	7	REG +5V	
	REG -5V	8	REG -5V	
	A GND	9	REG +6.6V	
003-17	AUDIO CH-2 (X)	10	A GND	
003-15	AUDIO CH-1 (X)	11	AUDIO (G)	003-16
003-13	AUDIO REC CH-2 (X)	12	H:AUDIO PB	003-14
003-11	AUDIO REC CH-1 (X)	13	AUDIO REC (G)	003-12
	A GND	14	A GND	
007-1	CLK135	15	D GND	
007-3	DRCK REF	16	D GND	
007-5	TRPSC	17	D GND	
	D GND	18	FRPSC	007-6
	D GND	19	VRCKCS	007-8
007-11	DTSC1	20	DTSC0	007-10
007-13	DTSC3	21	DTSC2	007-12
007-15	DTSC5	22	DTSC4	007-14
007-17	DTSC7	23	DTSC6	007-16
007-19	AFREF	24	D GND	
007-21	SCDVCS	25	SYCS	007-20
	D GND	26	VADVCS	007-22
	D GND	27	VPCKCS	007-24
007-27	DTCS1	28	DTCS0	007-26
007-29	DTCS3	29	DTCS2	007-28
007-31	DTCS5	30	DTCS4	007-30
007-33	DTCS7	31	DTCS6	007-32
002-19	L:IP PWR ON	32	H:POWER SAVE	002-20
002-17	L:IP CS	33	L:IP CONNECT	002-18
002-15	CA SI	34	L:AUX CS	002-16
002-13	CA SCK	35	CA SO	002-14
002-12	L:BASE MUTE	36	D GND	
002-10	L:SY EEPROM WE	37	H:BASE PWR ON	002-11
002-8	L:SY EEPROM BUSY	38	L:SY EEPROM CS	002-9
002-6	L:NFIL CS	39	H:DA LD	002-7
002-4	L:SP CS	40	L:SY CTLG CS	002-5

SELF CHECK

CN15		
1	SW +12V	
2	UNREG GND	
3	JIG SCK	005-50
4	JIG SI	005-49
5	JIG SO	005-48
6	L:SV-JIG READY	005-47
7	1/2 VD	001-30, 005-45, 401-11A

IF-553

CN18		
1	COMPONENT B-Y (X)	401-13B
2	COMPONENT Y (X)	401-14B
3	COMPONENT R-Y (X)	401-15B
4	COMPONENT GND	
5	COMPONENT GND	
6	COMPONENT GND	
7	EE S-Y (X)	401-20B
8	EE S-Y (G)	401-20A
9	EE S-C (X)	401-21B
10	EE S-C (G)	401-21A
11	L:VTR SAVE	001-25
12	L:PB ID	001-24
13	CAM CF	001-23, 005-44
14	PB Y (X)	401-22B
15	PB VBS (X)	401-23B
16	PB VIDEO GND	
17	COMP SYNC (X)	001-22
18	COMP SYNC (G)	001-21
19	GENLOCK (X)	801-2A
20	GENLOCK (G)	801-2B
21	L:CAM CS	001-20
22	CAM SCK	001-19
23	CAM SI	001-18
24	CAM SO	001-17

FP-81

CN1		
1	ANALOG CAM MIC (X)	016-3
2	ANALOG CAM MIC (G)	016-4
3	ANALOG CAM MIC (Y)	016-2
4	A GND	
5	CH-1 CAM MIC (G)	016-11
6	CH-1 CAM MIC (X)	016-12
7	CH-1 CAM MIC (Y)	016-13
8	FRONT MIC CONT	016-14
9	50P EARPONE (G)	016-5
10	50P EARPONE (X)	016-6
11	N.C	
12	H:REC TALLY	016-7
13	VTR TRIGGER	016-8
14	H:REC STATUS	016-9
15	D/A DET	016-15
16	50/76 DET	016-16
17	CAM SO	018-24
18	CAM SI	018-23
19	CAM SCK	018-22
20	L:CAM CS	018-21
21	COMP SYNC (G)	018-18
22	COMP SYNC (X)	018-17
23	CAM CF	005-44, 018-13
24	L:PB ID	018-12
25	L:VTR SAVE	018-11
26	BATT ALARM	017-30
27	L:REC REVIEW	017-29
28	D GND	
29	L:RESET	005-46, 401-12B
30	1/2 VD	005-45, 015-7, 401-11A
31	SV TRKD	005-43, 401-11B
32	SY SCK	005-42, 401-10A
33	SY SO	005-41, 401-10B
34	SY SI	005-40, 401-9A
35	L:FSCONT CS	401-9B
36	VA COMP SYNC	401-8A
37	L:IP LI OFF	401-8B
38	L:SY-SV CS	005-26
39	L:DV CS	401-12A
40	MIC GND	005-24

FP-81

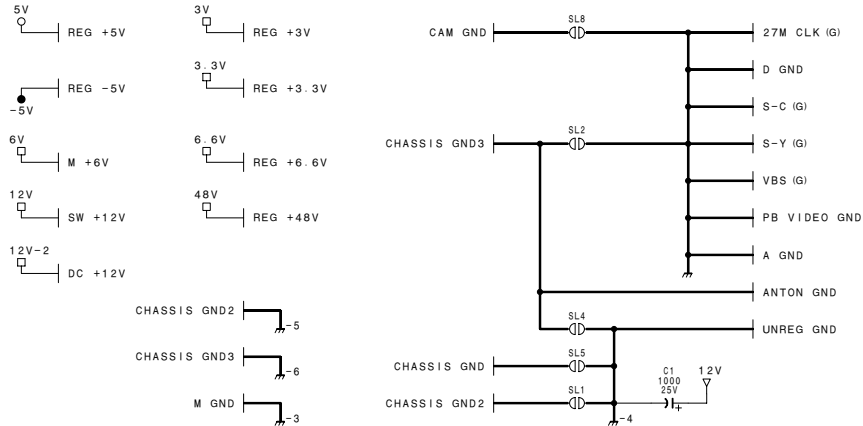
CN3		
1	LITHIUM	401-4B
2	D GND	
3	D GND	
4	D GND	
5	SW +12V	
6	SW +12V	
7	SW +12V	
8	UNREG GND	
9	UNREG GND	
10	UNREG GND	
11	AUDIO REC CH-1 (X)	402-13A
12	AUDIO REC (G)	402-13B
13	AUDIO REC CH-2 (X)	402-12A
14	H:AUDIO PB	402-12B
15	AUDIO CH-1 (X)	402-11A
16	AUDIO (G)	402-11B
17	AUDIO CH-2 (X)	402-10A
18	REG -5V	
19	REG -5V	
20	REG -5V	
21	A GND	
22	A GND	
23	A GND	
24	REG +5V	
25	REG +5V	
26	REG +5V	
27	CH-1 MIC/LINE (X)	801-10A
28	CH-1 MIC/LINE (G)	801-11B
29	CH-1 MIC/LINE (Y)	801-11A
30	A GND	
31	CH-2 MIC/LINE (X)	801-12A
32	CH-2 MIC/LINE (G)	801-12B
33	CH-2 MIC/LINE (Y)	801-13A
34	EARPHONE (G)	801-17B
35	EARPHONE SW (Y)	801-17A
36	EARPHONE (X)	801-16A
37	M +6V	
38	LINE CH-1 (X)	801-19A
39	LINE CH-1/2 (G)	801-20B
40	LINE CH-2 (X)	801-20A

CP-283

CN801			
A		B	
	M +6V BACKUP	1	M GND
018-19	GENLOCK (X)	2	GENLOCK (G)
401-16A	S-C (X)	3	S-C (G)
401-17A	S-Y (X)	4	S-Y (G)
401-18A	VBS (X)	5	VBS (G)
401-19A	VA TO CP1	6	L:S JACK
002-21	EXT TC INPUT (X)	7	EXT TC (G)
002-23	EXT TC OUTPUT (X)	8	N.C
	N.C	9	BACK TALLY
003-27	CH-1 MIC/LINE (X)	10	N.C
003-29	CH-1 MIC/LINE (Y)	11	CH-1 MIC/LINE (G)
003-31	CH-2 MIC/LINE (X)	12	CH-2 MIC/LINE (G)
003-33	CH-2 MIC/LINE (Y)	13	REG -5V
	A GND	14	REG -5V
	A GND	15	REG +5V
003-36	EARPHONE (X)	16	REG +5V
003-35	EARPHONE SW (Y)	17	EARPHONE (G)
	REG +48V	18	SW +12V
003-38	LINE CH-1 (X)	19	UNREG GND
003-40	LINE CH-2 (X)	20	LINE CH-1/2 (G)

DF-11

CN9		
A		B
	UNREG GND	1 UNREG GND
	SW +12V	2 SW +12V
	DC +12V	3 DC +12V
	M GND	4 M GND
	M +6V	5 M +6V
	REG +6.6V	6 L:POWER ON
	REG +5V	7 D GND
	A GND	8 D GND
	REG -5V	9 REG +3V
	REG +48V	10 REG +3.3V



RP-91

CN7		
1	CLK135	402-15A
2	D GND	
3	DRCK REF	402-16A
4	D GND	
5	TRPSC	402-17A
6	FRPSC	402-18B
7	D GND	
8	VRCKCS	402-19B
9	D GND	
10	DTSC0	402-20B
11	DTSC1	402-20A
12	DTSC2	402-21B
13	DTSC3	402-21A
14	DTSC4	402-22B
15	DTSC5	402-22A
16	DTSC6	402-23B
17	DTSC7	402-23A
18	D GND	
19	AFREF	402-24A
20	SYCS	402-25B
21	SCDVCS	402-25A
22	VADVCS	402-26B
23	D GND	
24	VPCKCS	402-27B
25	D GND	
26	DTCS0	402-28B
27	DTCS1	402-28A
28	DTCS2	402-29B
29	DTCS3	402-29A
30	DTCS4	402-30B
31	DTCS5	402-30A
32	DTCS6	402-31B
33	DTCS7	402-31A
34	N.C	
35	A GND	
36	A GND	
37	A GND	
38	REG +3V	
39	REG +3.3V	
40	REG +3V	
41	REG +3.3V	
42	REG +5V	
43	REG +6.6V	
44	REG +5V	
45	REG +6.6V	

FP-81

CN2		
1	MIC VDD	005-23
2	MIC SCL	005-22
3	MIC SDA	005-21
4	L:SP CS	402-40A
5	L:SY CTLG CS	402-40B
6	L:NFIL CS	402-39A
7	H:DA LD	402-39B
8	L:SY EEPROM BUSY	402-38A
9	L:SY EEPROM CS	402-38B
10	L:SY EEPROM WE	402-37A
11	H:BASE PWR ON	402-37B
12	L:BASE MUTE	402-36A
13	CA SCK	402-35A
14	CA SO	402-35B
15	CA SI	402-34A
16	L:AUX CS	402-34B
17	L:IP CS	402-33A
18	L:IP CONNECT	402-33B
19	L:IP PWR ON	402-32A
20	H:POWER SAVE	402-32B
21	EXT TC INPUT (X)	801-7A
22	EXT TC (G)	801-7B
23	EXT TC OUTPUT (X)	801-8A
24	L:POWER SW ON	
25	DC INLET	
26	BACK TALLY	801-9B
27	ANTON V	011-1
28	ANTON GND	011-2
29	ANTON AUTO	011-3
30	L:POWER ON	009-6B
31	REG -5V	
32	REG +5V	
33	REG +5V	
34	REG +6.6V	
35	REG +6.6V	
36	A GND	
37	A GND	
38	A GND	
39	REG +3.3V	
40	REG +3.3V	

PW-S

CN10		
1	SW +12V	POWER SW
2	DC +12V	POWER SW
3	L:POWER SW ON	POWER SW

PS

CN13		
1	DC INLET	PS-409, 102-3
2	DC +12V	PS-409, 102-2
3	UNREG GND	PS-409, 102-1

ANTON BAT

CN11		
1	ANTON V	002-27
2	ANTON GND	002-28
3	ANTON AUTO	002-29

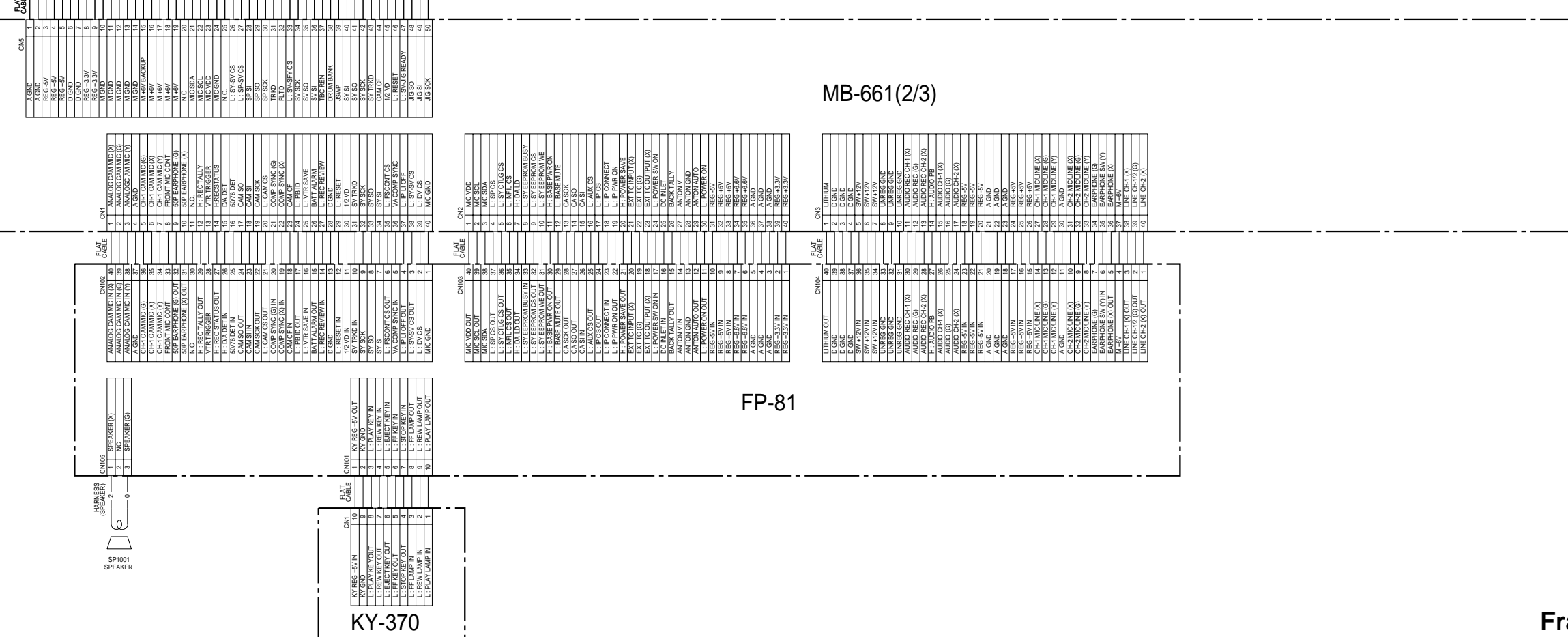
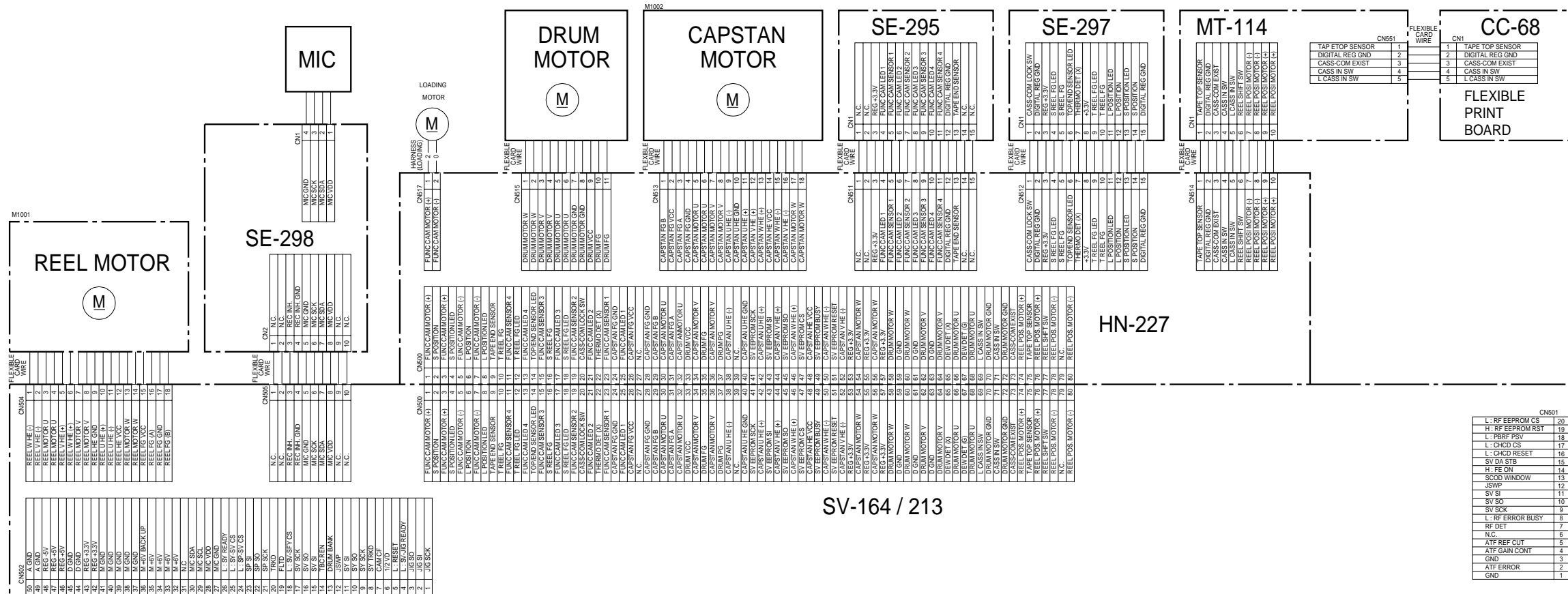
VA-172 / 205

MB-661(1/3)

CP-283

IPM-66

Frame (1/3)



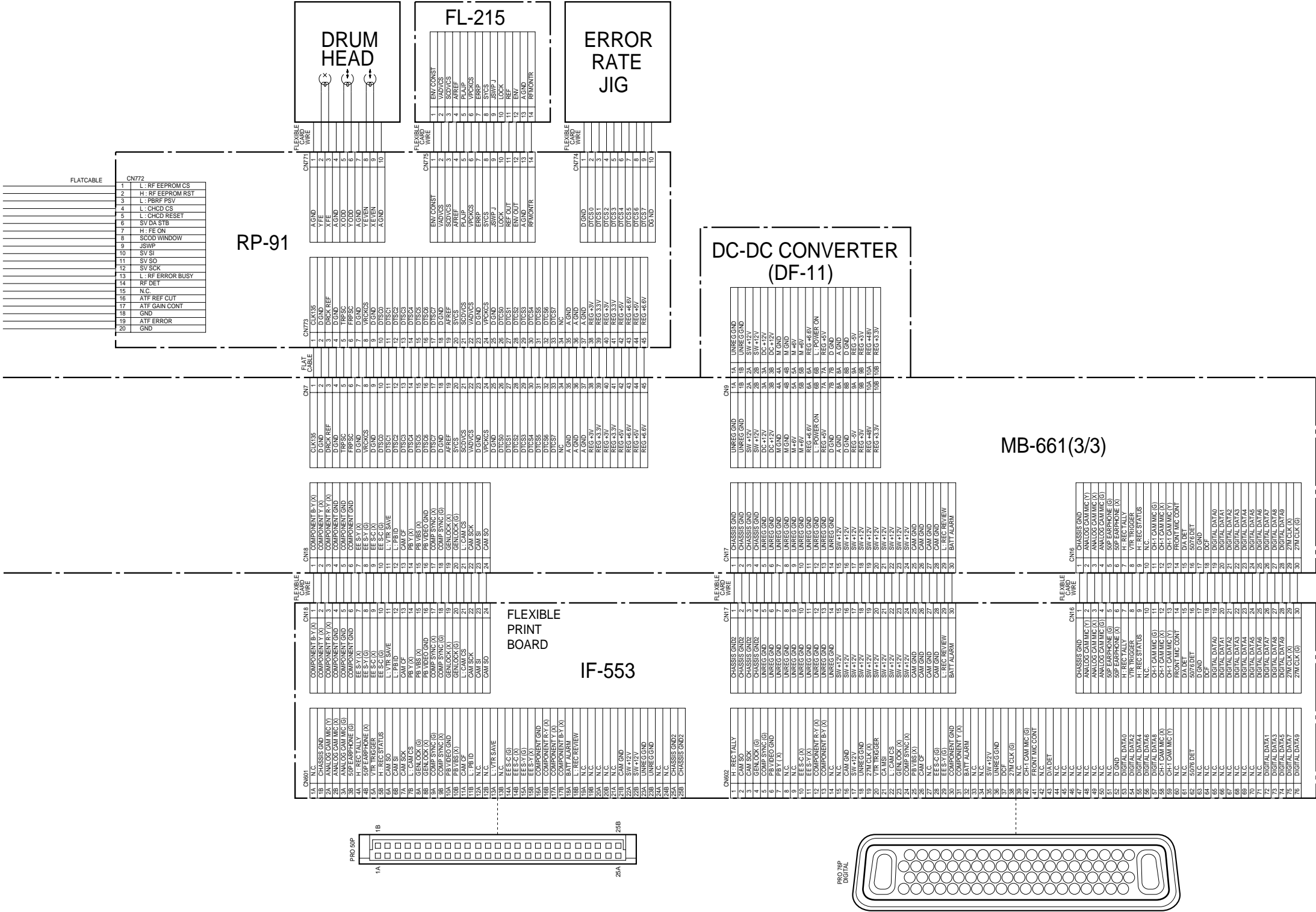
1

2

3

4

5



Section 17

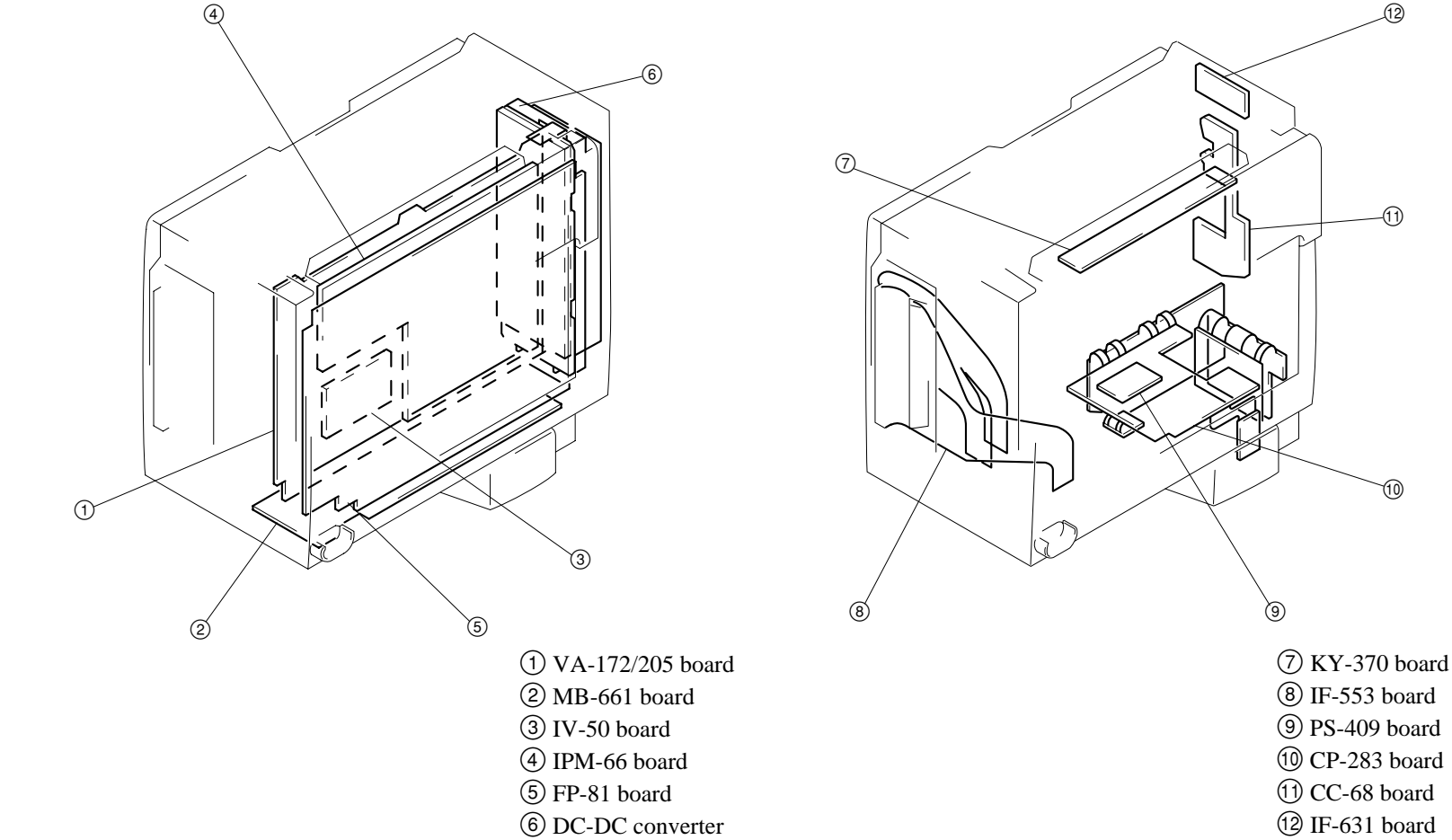
Board Layouts

Circuit Configuration

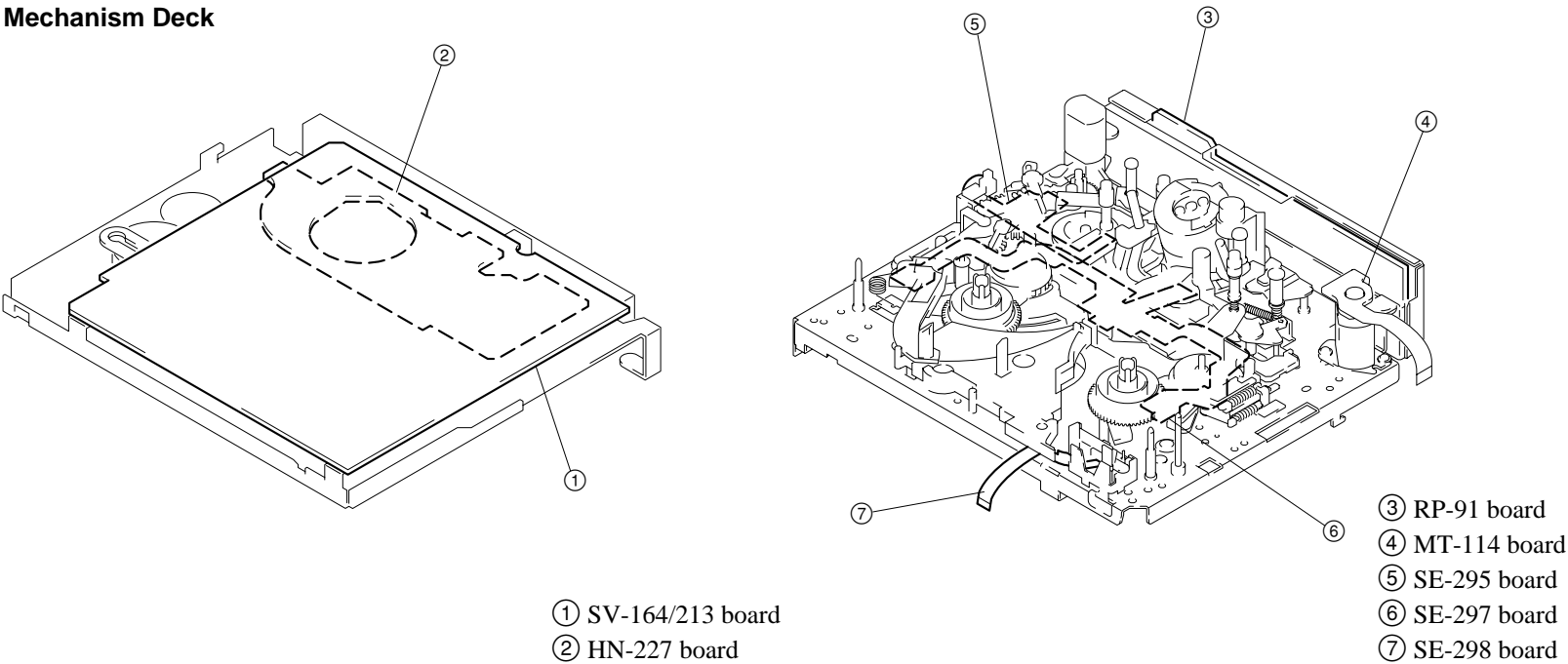
The circuit information is provided below.

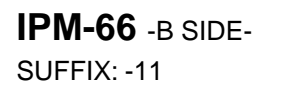
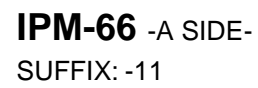
System	Board Name	Circuit Function	Page
Video	IPM-66	Index picture	17-2
	IV-50	Analog video (Input)	17-3
Video/Audio	RP-91	REC/PB RF amp CHCD (Channel coding)	17-3
	VA-172	Video/Audio	17-4 (a)
	VA-205	Video/Audio	17-4 (b)
Audio	FP-81	Audio select/limitter	17-6
Servo	CC-68	Cassette compartment switch Tape top sensor	17-7
	HN-227	Servo-mech. deck interface	17-7
	MT-114	Reel shift motor/switch	17-7
	SE-295	Function cam sensor Tape end sensor	17-7
	SE-297	Reel FG sensor Reel shift sensor Cassette compartment lock switch	17-7
	SE-298	MIC REC inhibit switch	17-7
	SV-164	Servo	17-8 (a)
	SV-213	Servo	17-8 (b)
Syscon	KY-370	Function key	17-20
Syscon/Other	FP-81	System control TC generator TC switch	17-6
Others	CP-283	Audio in/out connector Audio MIC amp Video out connector TC in/out connector	17-11
	IF-553	76pin/50pin connector	17-10
	IF-631	Service jig connector	17-10
	MB-661	Motherboard	–
	PS-409	Circuit protector	17-12

Main Unit



Mechanism Deck





CN101	*B1	IC202	*D5	IC304	*C5	L106	B4	L313	C3	TP103	B1	TP303	A3
		IC203	D5	IC305	C4	L107	*B2	L315	*B2	TP104	A3	TP304	A2
E101	B1	IC204	*D5	IC306	*C4	L108	A2	L316	B3	TP105	A3	TP305	B2
E102	A3	IC205	D4	IC307	C4	L201	*C5			TP106	A3		
		IC206	*D4	IC308	*C4	L203	*C5	Q101	*D1	TP107	D2	X101	B3
IC101	*A3	IC207	D4	IC309	C3	L205	*C4	Q102	*D1	TP108	D2		
IC102	A3	IC208	*D4	IC310	*C3	L207	*C4	Q103	*D2	TP109	B3	*:B	SIDE
IC103	B3	IC209	D3	IC311	C3	L209	*C3			TP110	B3		
IC105	B4	IC210	*D3	IC312	*C3	L211	*C3	RB101	B1	TP111	B3		
IC106	*C2	IC211	D3	IC313	C2	L213	*C3	RB102	B1	TP201	B3		
IC108	*C1	IC212	*D3	IC314	*C2	L215	*A2	RB103	B1	TP202	D2		
IC109	B5	IC213	D2	IC315	B2	L216	*B2	RB104	B3	TP203	A3		
IC110	*C2	IC214	*D2			L301	C5	RB105	B3	TP204	A2		
IC113	*D2	IC215	A2	L101	A2	L303	C5	RB106	B2	TP205	B2		
IC114	A1	IC216	A1	L102	*B3	L305	C4	RB201	*B3	TP206	B2		
IC115	*D1	IC301	C5	L103	B4	L307	C4			TP207	B1		
IC116	A2	IC302	*C5	L104	*C1	L309	C3	TP101	B1	TP301	B3		
IC201	D5	IC303	C5	L105	C1	L311	C3	TP102	A2	TP302	D2		

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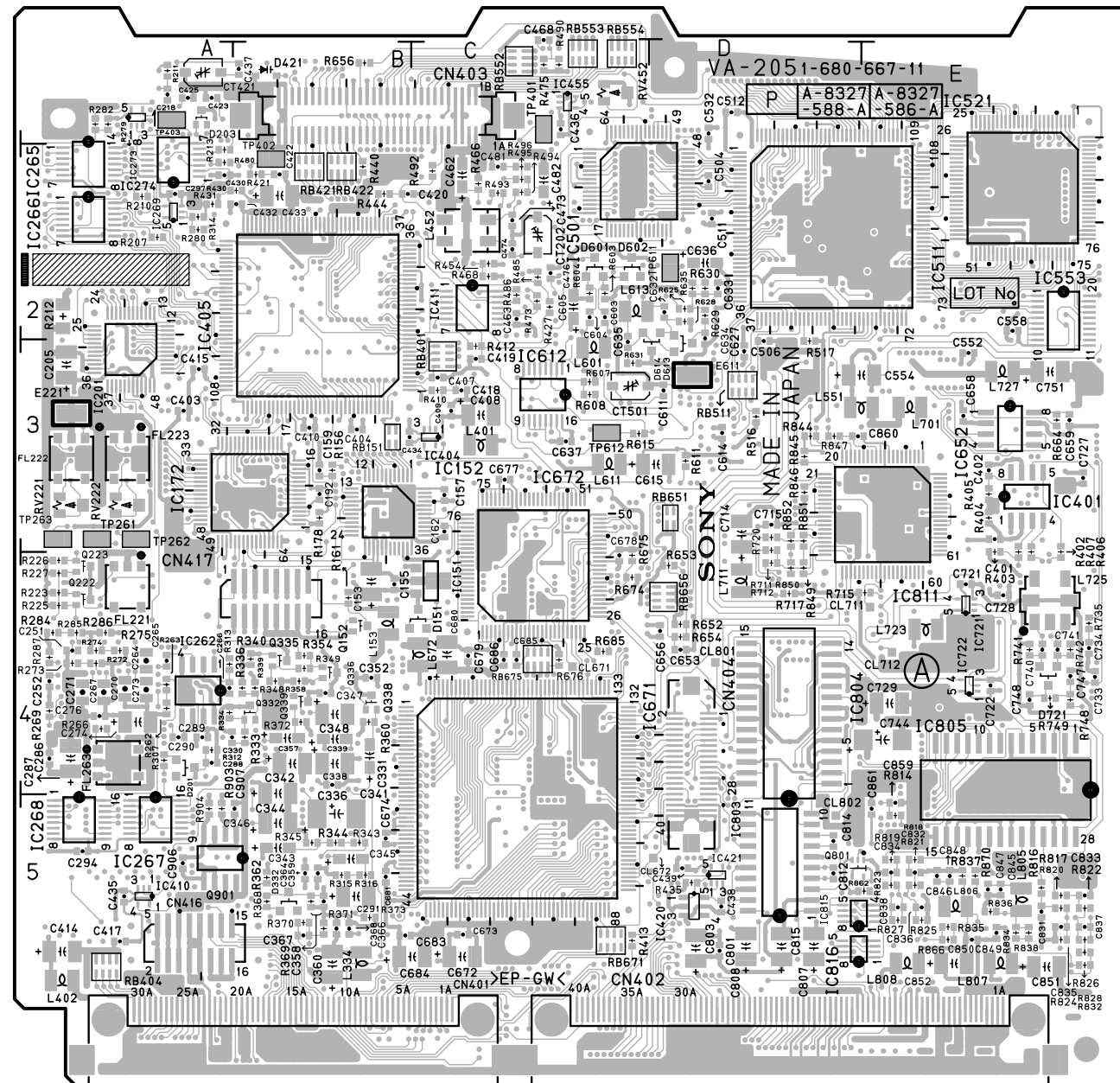
The image shows the RP-91 circuit board, which is populated with numerous electronic components. Key features include:

- Resistors:** Labeled with values such as R900, R920, R919, R829, R837, R831, R862, C912, R917, R911, R844, C911, R907, R908, R851, R852, C877, CN771, D775, D774, R824, C857, Q779, C829, Q776, R809, R772, R793, C808, R777, C773, IC773, R781, R782, R783, C780, C779, C781, C782, C783, C784, C785, C786, C787, C788, C789, C790, C791, C792, C793, C794, C795, C796, C797, C798, C799, C800, C801, C802, C803, C804, C805, C806, C807, C808, C809, C810, C811, C812, C813, C814, C815, C816, C817, C818, C819, C820, C821, C822, C823, C824, C825, C826, C827, C828, C829, C830, C831, C832, C833, C834, C835, C836, C837, C838, C839, C840, C841, C842, C843, C844, C845, C846, C847, C848, C849, C850, C851, C852, C853, C854, C855, C856, C857, C858, C859, C860, C861, C862, C863, C864, C865, C866, C867, C868, C869, C870, C871, C872, C873, C874, C875, C876, C877, C878, C879, C880, C881, C882, C883, C884, C885, C886, C887, C888, C889, C890, C891, C892, C893, C894, C895, C896, C897, C898, C899, C900, C901, C902, C903, C904, C905, C906, C907, C908, C909, C910, C911, C912, C913, C914, C915, C916, C917, C918, C919, C920.
- Capacitors:** Labeled with values such as C912, R917, R911, R844, C911, R907, R908, R851, R852, C877, CN771, D775, D774, R824, C857, Q779, C829, Q776, R809, R772, R793, C808, R777, C773, IC773, R781, R782, R783, C780, C779, C781, C782, C783, C784, C785, C786, C787, C788, C789, C790, C791, C792, C793, C794, C795, C796, C797, C798, C799, C800, C801, C802, C803, C804, C805, C806, C807, C808, C809, C810, C811, C812, C813, C814, C815, C816, C817, C818, C819, C820, C821, C822, C823, C824, C825, C826, C827, C828, C829, C830, C831, C832, C833, C834, C835, C836, C837, C838, C839, C840, C841, C842, C843, C844, C845, C846, C847, C848, C849, C850, C851, C852, C853, C854, C855, C856, C857, C858, C859, C860, C861, C862, C863, C864, C865, C866, C867, C868, C869, C870, C871, C872, C873, C874, C875, C876, C877, C878, C879, C880, C881, C882, C883, C884, C885, C886, C887, C888, C889, C890, C891, C892, C893, C894, C895, C896, C897, C898, C899, C900, C901, C902, C903, C904, C905, C906, C907, C908, C909, C910, C911, C912, C913, C914, C915, C916, C917, C918, C919, C920.
- Integrated Circuits:** Labeled with part numbers such as IC901, IC902, IC903, IC904, IC905, IC906, IC907, IC908, IC909, IC910, IC911, IC912, IC913, IC914, IC915, IC916, IC917, IC918, IC919, IC920, IC771, IC772, IC773, IC774, IC775, IC776, IC777, IC778, IC779, IC780, IC781, IC782, IC783, IC784, IC785, IC786, IC787, IC788, IC789, IC790, IC791, IC792, IC793, IC794, IC795, IC796, IC797, IC798, IC799, IC800, IC801, IC802, IC803, IC804, IC805, IC806, IC807, IC808, IC809, IC810, IC811, IC812, IC813, IC814, IC815, IC816, IC817, IC818, IC819, IC820, IC821, IC822, IC823, IC824, IC825, IC826, IC827, IC828, IC829, IC830, IC831, IC832, IC833, IC834, IC835, IC836, IC837, IC838, IC839, IC840, IC841, IC842, IC843, IC844, IC845, IC846, IC847, IC848, IC849, IC850, IC851, IC852, IC853, IC854, IC855, IC856, IC857, IC858, IC859, IC860, IC861, IC862, IC863, IC864, IC865, IC866, IC867, IC868, IC869, IC870, IC871, IC872, IC873, IC874, IC875, IC876, IC877, IC878, IC879, IC880, IC881, IC882, IC883, IC884, IC885, IC886, IC887, IC888, IC889, IC890, IC891, IC892, IC893, IC894, IC895, IC896, IC897, IC898, IC899, IC900, IC901, IC902, IC903, IC904, IC905, IC906, IC907, IC908, IC909, IC910, IC911, IC912, IC913, IC914, IC915, IC916, IC917, IC918, IC919, IC920.
- Connectors:** Labeled with part numbers such as CN771, CN772, CN773, CN774, CN775, CN776, CN777, CN778, CN779, CN780, CN781, CN782, CN783, CN784, CN785, CN786, CN787, CN788, CN789, CN790, CN791, CN792, CN793, CN794, CN795, CN796, CN797, CN798, CN799, CN800, CN801, CN802, CN803, CN804, CN805, CN806, CN807, CN808, CN809, CN810, CN811, CN812, CN813, CN814, CN815, CN816, CN817, CN818, CN819, CN820, CN821, CN822, CN823, CN824, CN825, CN826, CN827, CN828, CN829, CN830, CN831, CN832, CN833, CN834, CN835, CN836, CN837, CN838, CN839, CN840, CN841, CN842, CN843, CN844, CN845, CN846, CN847, CN848, CN849, CN850, CN851, CN852, CN853, CN854, CN855, CN856, CN857, CN858, CN859, CN860, CN861, CN862, CN863, CN864, CN865, CN866, CN867, CN868, CN869, CN870, CN871, CN872, CN873, CN874, CN875, CN876, CN877, CN878, CN879, CN880, CN881, CN882, CN883, CN884, CN885, CN886, CN887, CN888, CN889, CN890, CN891, CN892, CN893, CN894, CN895, CN896, CN897, CN898, CN899, CN900, CN901, CN902, CN903, CN904, CN905, CN906, CN907, CN908, CN909, CN910, CN911, CN912, CN913, CN914, CN915, CN916, CN917, CN918, CN919, CN920.

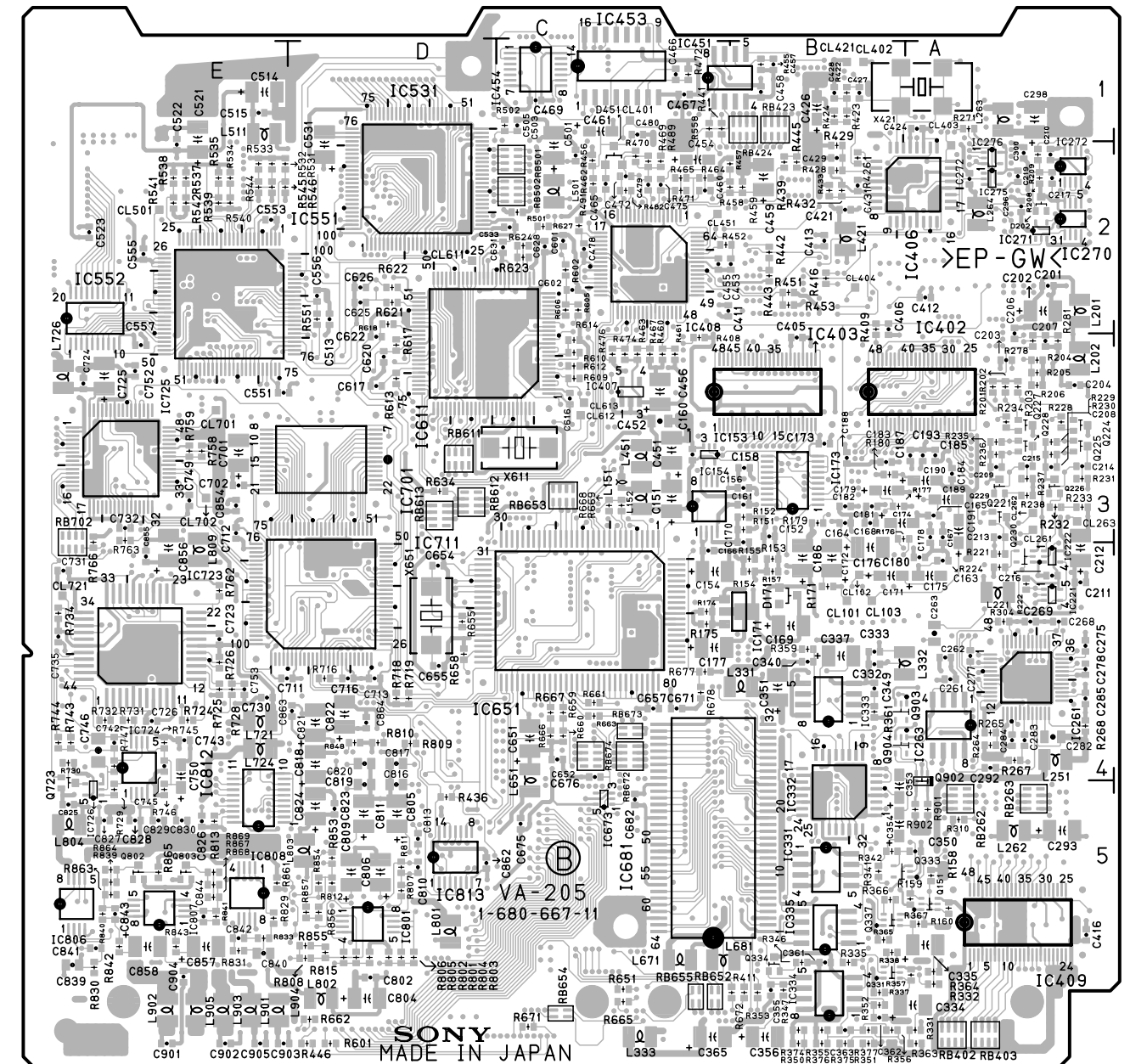
17-3

VA-205 (1-680-667-11)

C151	*C3	C292	*A4	C458	*B1	C686	C4	C856	*E4	IC421	D5	Q151	*A5	R275	A4	R439	*B2	R631	C3	R832	E5
C152	*B3	C293	*A5	C459	*B2	C701	*E3	C857	*E5	IC451	*B1	Q152	B4	R278	*A3	R440	B2	R634	*D3	R833	*E5
C153	B4	C294	A5	C460	*C2	C702	*E3	C858	*E5	IC453	*C1	Q221	*A3	R279	A1	R441	*C1	R635	D2	R834	E5
C154	*C4	C296	*A2	C461	*C1	C711	*E4	C859	E5	IC454	*C1	Q222	A4	R280	A2	R442	*B2	R651	*C5	R835	E5
C155	B4	C297	A2	C462	C2	C712	*E3	C860	D3	IC455	C1	Q223	A4	R281	*A3	R443	*B2	R652	D4	R836	E5
C156	*B3	C298	*A1	C463	C2	C713	*D4	C861	E5	IC501	C2	Q224	*A3	R282	A1	R444	B2	R653	D4	R837	E5
C157	C3	C300	*A2	C465	*C2	C714	D3	C862	*D5	IC511	D2	Q225	*A3	R284	A4	R445	*B2	R654	D4	R838	E5
C158	*B3	C330	A4	C466	*C1	C715	D3	C863	*D4	IC521	E2	Q226	*A3	R285	A4	R446	*D5	R655	*D4	R839	*E5
C159	B3	C331	B4	C467	*C1	C716	*D4	C864	*D4	IC531	*D2	Q227	*A3	R286	A4	R451	*B2	R656	B1	R840	*E5
C160	*C3	C332	*B4	C468	C1	C721	E4	C901	*E5	IC551	*E2	Q228	*A3	R287	A4	R452	*C2	R658	*D4	R841	*E5
C161	*B3	C333	*B4	C469	*C1	C722	E4	C902	*E5	IC552	*E2	Q229	*A3	R304	*A4	R453	*B2	R659	*C4	R842	*E5
C162	C3	C334	*A5	C472	*C2	C723	*E4	C903	*E5	IC553	E2	Q230	*A4	R307	A4	R454	C2	R660	*C4	R843	*E5
C163	*A4	C335	*A5	C473	C2	C724	*E3	C904	*E5	IC611	*D3	Q331	*B5	R310	*A5	R455	*B1	R661	*C4	R844	D3
C164	*B3	C336	B4	C474	C2	C725	*E3	C905	*E5	IC612	C3	Q332	B4	R312	A4	R456	*C2	R662	*D5	R845	D3
C165	*A3	C337	*B4	C475	*C2	C726	*E4	C906	A5	IC651	*C4	Q333	*B5	R313	A4	R457	*B2	R663	*C4	R846	D3
C166	*C4	C338	B4	C476	C2	C727	E3	C907	B5	IC652	E3	Q334	*B5	R314	A2	R458	*B2	R664	E3	R847	D3
C167	*A3	C339	B4	C478	*C2	C728	E4			IC671	C5	Q335	B4	R315	B5	R459	*B2	R665	*C5	R848	*D4
C168	*B3	C340	*B4	C479	*C2	C729	E4	CN401	B5	IC672	C4	Q336	B4	R316	B5	R460	*C3	R666	*C4	R849	D4
C169	*B4	C341	B5	C480	*C1	C730	*E4	CN402	D5	IC673	*C5	Q337	*B5	R331	*A5	R461	*C3	R667	*C4	R850	D4
C170	*B3	C342	B4	C481	C2	C731	*E4	CN403	B1	IC681	*C5	Q338	B4	R332	*A5	R462	*C2	R668	*C3	R851	D3
C171	*B4	C343	B5	C482	C2	C732	*E3	CN404	D4	IC701	*D3	Q339	B4	R333	B4	R463	*C3	R669	*C3	R852	D3
C172	*B4	C344	B4	C501	*C2	C733	E4	CN416	A5	IC711	*D4	Q723	*E5	R334	A4	R464	*C2	R671	*C5	R853	*D5
C173	*B3	C345	B5	C503	*C2	C734	E4	CN417	B4	IC721	E4	Q801	D5	R335	*B5	R465	*C2	R672	*B5	R854	*D5
C174	*B3	C346	B5	C504	D2	C735	*E4			IC722	E4	Q802	*E5	R336	B4	R466	C2	R674	C4	R855	*D5
C175	*A4	C347	B4	C505	*C1	C740	E4	CT202	C2	IC723	*E4	Q803	*E5	R337	*B5	R467	*C3	R675	C4	R856	*D5
C176	*B4	C348	B4	C506	D3	C741	E4	CT421	A1	IC724	*E4	Q901	A5	R338	*B5	R468	C2	R676	C4	R857	*D5
C177	*C4	C349	*B4	C511	D2	C742	*E4	CT501	C3	IC725	*E3	Q902	*A5	R339	B4	R469	*C2	R677	*C4	R861	*E5
C178	*A3	C350	*A5	C512	D1	C743	*E4			IC726	*E5	Q903	*B4	R340	B4	R470	*C2	R678	*C4	R862	E5
C179	*B3	C351	*B4	C513	*D2	C744	E4	D151	C4	IC801	*D5	Q904	*B4	R341	*B5	R471	*C2	R685	C4	R863	*E5
C180	*A4	C352	B4	C514	*E1	C745	*E4	D171	*B4	IC803	D5			R342	*B5	R472	*C1	R711	D3	R864	*E5
C181	*B3	C353	*B5	C515	*E1	C746	*E4	D201	A4	IC804	D4	R151	*B3	R343	B5	R473	C2	R712	D4	R865	*E5
C182	*B3	C354	*B5	C521	*E1	C747	E4	D202	*A2	IC805	E4	R152	*B3	R344	B5	R474	*C3	R715	E4	R866	E5
C183	*B3	C355	*B5	C522	*E2	C748	E4	D203	A1	IC806	*E5	R153	*B4	R345	B5	R475	C1	R716	*D4	R867	*E5
C184	*A3	C356	*B5	C523	*E2	C749	*E3	D332	B5	IC807	*E5	R154	*B4	R346	*B5	R476	*C3	R717	D4	R868	*E5
C185	*A3	C357	B4	C531	*D2	C750	*E4	D421	B1	IC808	*E5	R155	*B4	R347	*B5	R480	A2	R718	*D4	R869	*E5
C186	*B4	C358	B5	C532	D1	C751	E3	D451	*C2	IC811	E3	R156	B3	R348	B4	R482	*C2	R719	*D4	R870	E5
C187	*A3	C359	B5	C533	*C2	C752	*E3	D601	C2	IC812	*E5	R157	*B4	R349	B4	R485	C2	R720	D3	R901	*A5
C188	*B3	C360	B5	C551	*E3	C753	*E4	D602	C2	IC813	*D5	R158	*A5	R350	*B5	R486	C2	R724	*E4	R902	*A5
C189	*A3	C361	*B5	C552	E3	C801	D5	D613	D3	IC815	D5	R159	*A5	R351	*B5	R489	*C2	R725	*E4	R903	A5
C190	*A3	C362	*B5	C553	*E2	C802	*D5	D614	D3	IC816	D5	R160	*A5	R352	*B5	R490	C1	R726	*E4	R904	A5
C191	*A3	C363	*B5	C554	E3	C803	D5	D721	E4			R161	B4	R353	*B5	R491	*C2	R728	*E4		
C192	B3	C364	B5	C555	*E2	C804	*D5			L151	*C3	R171	*B4	R354	B4	R492	C2	R729	*E5	RB151	B3
C193	*A3	C365	*C5	C556	*D2	C805	*D5	E221	A3	L152	*C3	R174	*C4	R355	*B5	R493	C2	R730	*E4	RB262	*A5
C201	*A2	C366	B5	C557	*E3	C806	*D5	E611	D3	L153	B4	R175	*C4	R356	*B5	R494	C2	R731	*E4	RB263	*A5
C202	*A2	C367	B5	C558	E2	C807	D5			L201	*A2	R176	*B3	R357	*A5	R495	C2	R732	*E4	RB401	C3
C203	*A3	C368	B5	C601	*C2	C808	D5	FL221	A4	L202	*A3	R177	*B3	R358	B4	R496	C2	R734	*E4	RB402	*A5
C204	*A3	C401	E3	C602	*C2	C809	*D5	FL222	A3	L221	*A4	R178	B3	R359	*B4	R501	*C2	R735	E4	RB403	*A5
C205	A3	C402	E3	C603	C2	C810	*D5	FL223	A3	L251	*A4	R179	*B3	R360	B4	R502	*C1	R741	E4	RB404	A5
C206	*A2	C403	A3	C604	C2	C811	*D5	FL263	A4	L262	*A5	R180	*B3	R361	*B4	R516	D3	R742	E4	RB421	B2
C207	*A3	C404	B3	C605	C2	C812	D5			L263	*A1	R201	*A3	R362	B5	R517	D3	R743	*E4	RB422	B2
C208	*A3	C405	*B3	C611	D3	C813	*D5	IC151	C4	L264	*A2	R202	*A3	R363	*A5	R531	*E2	R744	*E4	RB423	*B1
C209	*A3	C406	*B2	C614	D3	C814	D5	IC152	B3	L331	*B4	R203	*A3	R364	*A5	R532	*E2	R745	*E4	RB424	*B1
C210	*A2	C407	C3	C615	D3	C815	D5	IC153	*C3	L332	*B4	R204	*A3	R365	*B5	R533	*E2	R746	*E5	RB501	*C2
C211	*A4	C408	C3	C616	*C3	C816	*D5	IC154	*C3	L333	*C5	R205	*A3	R366	*B5	R534	*E2	R747	*E4	RB502	*C2
C212	*A4	C409	C3	C617	*D3	C817	*D4	IC171	*B4	L334	B5	R206	*A3	R367	*A5	R535	*E2	R748	E4	RB511	D3
C213	*A3	C410	B3	C620	*D3	C818	*D4	IC172	B3	L401	C3	R207	A2	R368	B5	R537	*E2	R749	E4	RB552	C1
C214	*A3	C411	*C2	C622	*D3	C819	*D5	IC173	*B3	L402	A5	R208	*A2	R369	B5	R538	*E2	R758	*E3	RB553	C1
C215	*A3	C412	*A2	C625	*D2	C820	*D4	IC201	A3	L421	*B2	R209	*A2	R370	B5	R539	*E2	R759	*E3	RB554	C1
C216	*A4	C413	*B2	C626	*D2	C821	*D4	IC221	*A4	L451	*C3	R210	A2	R371	B5	R540	*E2	R762	*E4	RB611	*D3
C217	*A2	C414	A5	C627	D3	C822	*D4	IC222	*A4	L452	C2	R211	A1	R372	B4	R541	*E2	R763	*E3	RB612	*D3
C218	A1	C415	A3	C628	*C2	C823	*D5	IC261	*A4	L501	*C2	R212	A2	R373	B5	R542	*E2	R766	*E3	RB613	*D3
C219	*A2	C416	*A5	C631	*C2	C824	*D5	IC262	A4	L511	*E1	R213	A2	R374	*B5	R544	*E2	R801	*D5	RB651	D3
C251	A4	C417	A5	C632	D2	C825	*E5	IC263	*A4	L551	E3	R221	*A4	R375	*B5	R545	*E2	R802	*D5	RB652	*C5
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C262	*A4	C420	B2	C635	C3	C828	*E5	IC267	A5	L613	C2	R224	*A4	R402	E3	R558	*C1	R805	*D5	RB655	*C5
C263	*A4	C421	*B2	C636	D2	C829	*E5	IC268	A5	L651	*C4	R225	A4	R403	E3	R601	*D5	R806	*D5	RB656	D4
C264	A4	C422	B2	C637	C3	C830	*E5	IC269	A2	L671	*C5	R226	A4	R404	E3	R602	*C2	R807	*D5	RB671	C5
C265	A4	C423	A1	C651	*C4	C831	E5	IC270	*A2	L672	C4	R227	A4	R405	E3	R603	C2	R808	*D5	RB672	*C4
C266	A4	C424	*A1	C652	*C4	C832	E5	IC271	*A2	L681	*C5	R228	*A3	R406	E3	R604	C2	R809	*D4	RB673	*C4
C267	A4	C425	A1	C653	D4	C833	E5	IC272	*A2	L701	E3	R229	*A3	R407	E3	R605	*C2	R810	*D4	RB674	*C4
C268	*A4	C426	*B1	C654	*D4	C834	E5	IC273	A1	L711	D4	R230	*A3	R408	*C3	R606	*C2	R811	*D5	RB675	C4
C269	*A4	C427	*B1	C655	*D4	C835	E5	IC274	A2	L721	*E4	R231	*A3	R409	*B2	R607	C3	R812	*D5	RB702	*E3
C270	A4	C428	*B1	C656	D4	C836	E5	IC275	*A2	L723	E4	R232	*A3	R410	C3	R608	C3	R813	*E5		
C271	A4																				

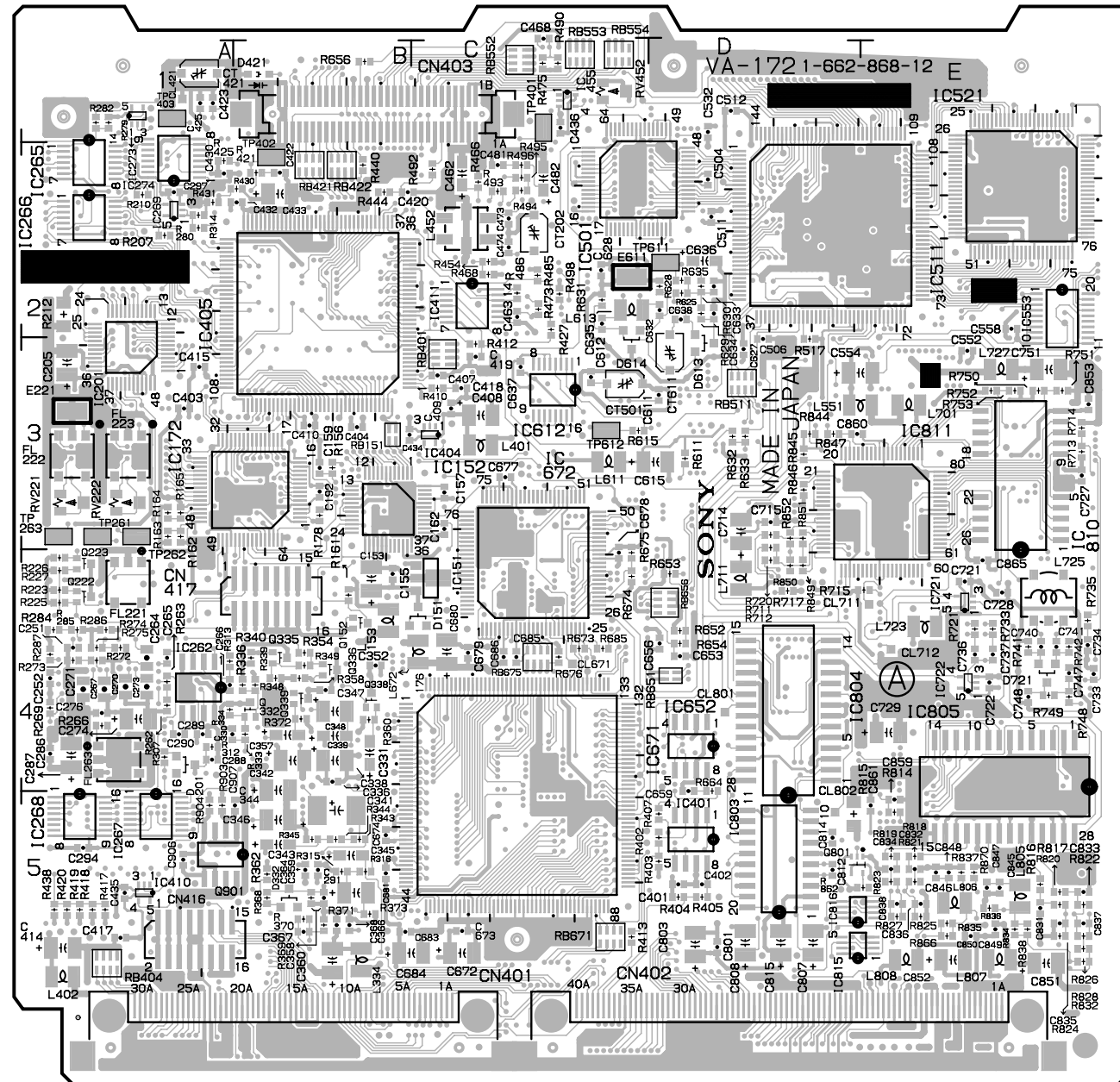


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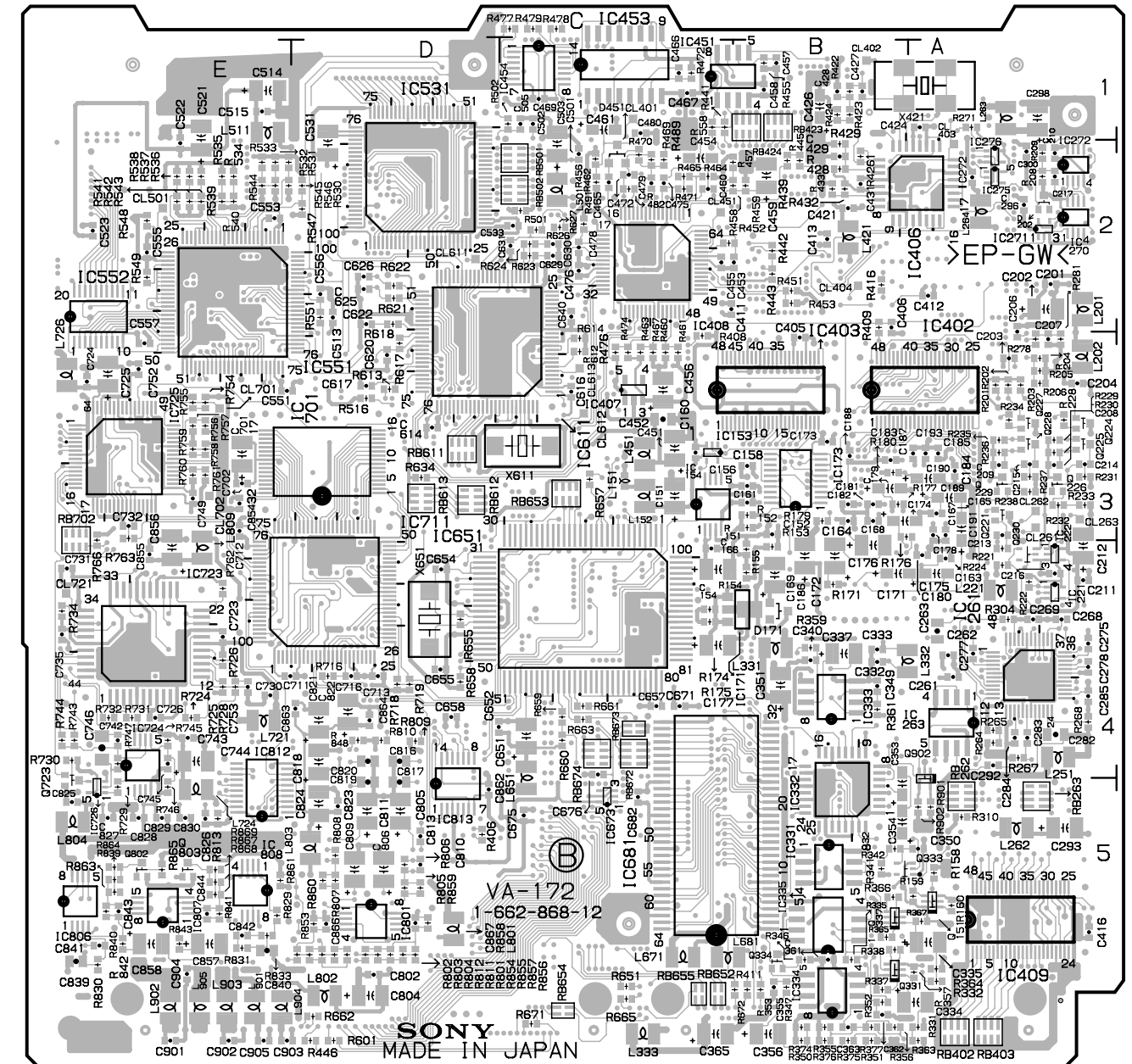


VA-205 -B SIDE-
SUFFIX: -11

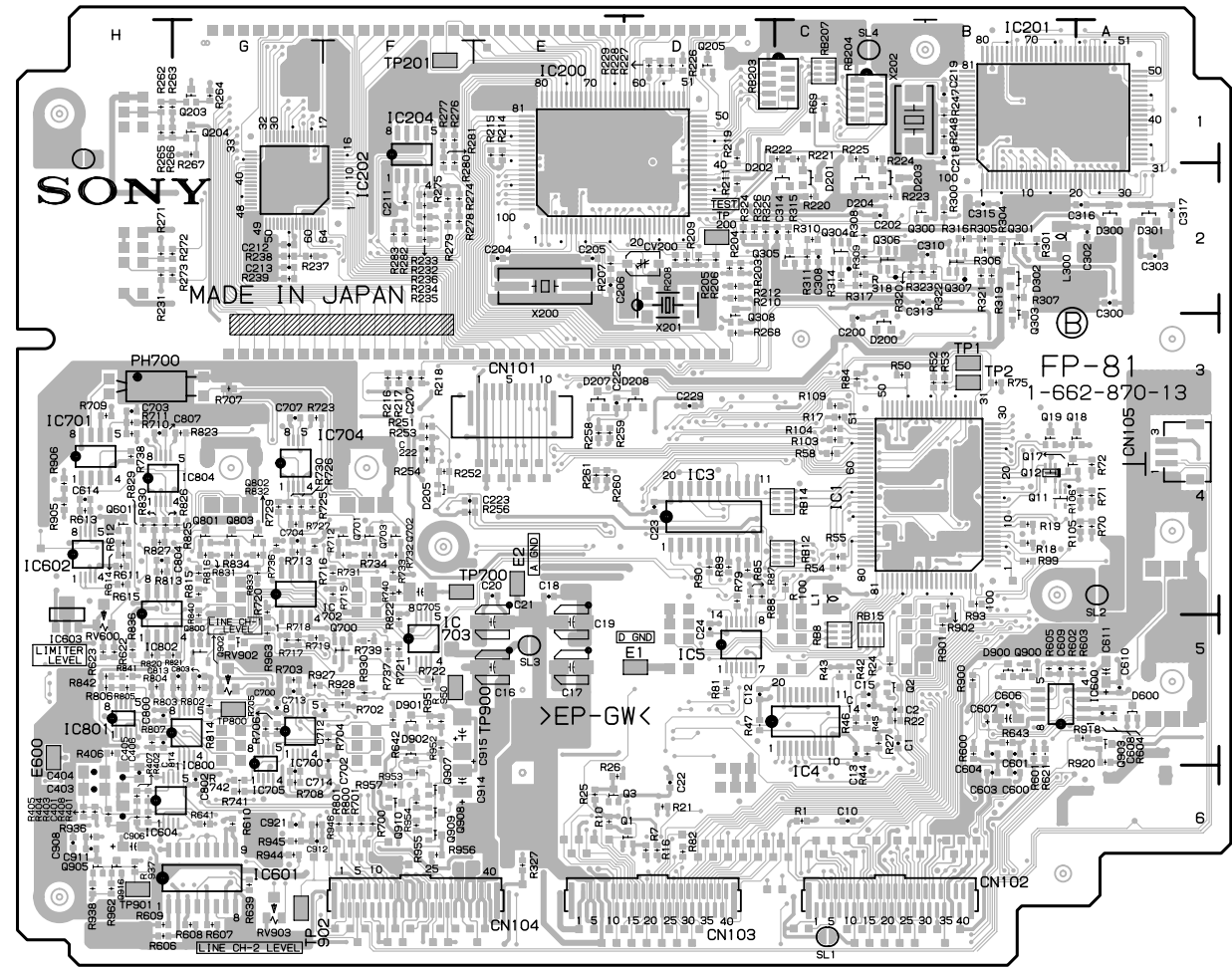
VA-172 (1-662-868-12)					
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CN402	D5	IC724	*E4	Q901	A5
CN403	B1	IC725	*E3	Q902	*A5
CN416	A5	IC726	*E5		
CN417	B4	IC801	*D5	RB262	*A5
		IC803	D5	RB263	*A5
CT202	C2	IC804	D4	RB401	C3
CT421	A1	IC805	E4	RB402	*A5
CT501	C3	IC806	*E5	RB403	*A5
		IC807	*E5	RB404	A5
D151	C4	IC808	*E5	RB421	B2
D171	*B4	IC810	E3	RB422	B2
D201	A4	IC811	E3	RB423	*B1
D202	*A2	IC812	*E5	RB424	*B1
D421	B1	IC813	*D5	RB511	D3
D451	*C2	IC815	D5	RB552	C1
D613	D3	IC816	D5	RB553	C1
D614	C3			RB554	C1
D721	E4	L151	*C3	RB611	*D3
		L152	*C3	RB612	*D3
E221	A3	L153	B4	RB613	*D3
E611	C2	L201	*A2	RB651	D4
		L202	*A3	RB652	*C5
FL221	A4	L221	*A4	RB653	*C3
FL222	A3	L251	*A4	RB654	*C5
FL223	A3	L262	*A5	RB655	*C5
FL263	A4	L263	*A1	RB656	D4
		L264	*A2	RB671	C5
IC151	C4	L331	*B4	RB672	*C4
IC152	B3	L332	*B4	RB673	*C4
IC153	*C3	L333	*C5	RB674	*C4
IC154	*C3	L334	B5	RB675	C4
IC171	*B4	L401	C3	RB702	*E3
IC172	B3	L402	A5		
IC173	*B3	L421	*B2	RV221	A3
IC201	A3	L451	*C3	RV222	A3
IC221	*A4	L452	C2	RV452	C1
IC222	*A4	L501	*C2		
IC261	*A4	L511	*E1	TP261	A3
IC262	A4	L551	E3	TP262	A3
IC263	*A4	L611	C3	TP263	A3
IC265	A2	L613	C2	TP401	C1
IC266	A2	L651	*C4	TP402	B2
IC267	A5	L671	*C5	TP403	A1
IC268	A5	L672	C4	TP611	D2
IC269	A2	L681	*C5	TP612	C3
IC270	*A2	L701	E3		
IC271	*A2	L711	D4	X421	*A1
IC272	*A2	L721	*E4	X611	*C3
IC273	A1	L723	E4	X651	*D4
IC274	A2	L724	*E5		
IC275	*A2	L725	E4	*:B	SIDE
IC276	*A2	L726	*E3		
IC331	*B5	L727	E3		
IC332	*B5	L801	*D5		
IC333	*B4	L802	*D5		
IC334	*B5	L803	*D5		
IC335	*B5	L804	*E5		
IC401	D5	L805	E5		
IC402	*A3	L806	E5		
IC403	*B3	L807	E5		
IC404	C3	L808	E5		
IC405	B2	L809	*E4		
IC406	*A2	L901	*E5		
IC407	*C3	L902	*E5		
IC408	*C2	L903	*E5		
IC409	*A5	L904	*E5		
IC410	A5	L905	*E5		
IC411	C2				
IC451	*C1	Q151	*A5		
IC453	*C1	Q152	B4		
IC454	*C1	Q221	*A3		
IC455	C1	Q222	A4		
IC501	C2	Q223	A4		
IC511	D2	Q224	*A3		
IC521	E2	Q225	*A3		
IC531	*D2	Q226	*A3		
IC551	*E2	Q227	*A3		
IC552	*E2	Q228	*A3		
IC553	E2	Q229	*A3		
IC611	*D3	Q230	*A4		
IC612	C3	Q331	*B5		
IC651	*C4	Q332	B4		
IC652	D4	Q334	*B5		
IC671	C5	Q335	B4		
IC672	C4	Q336	B4		
IC673	*C5	Q337	*B5		
IC681	*C5	Q338	B4		
IC701	*D3	Q339	B4		
IC711	*D4	Q723	*E5		
IC721	E4	Q801	D5		
IC722	E4	Q802	*E5		



VA-172 -A SIDE-SUFFIX: -12

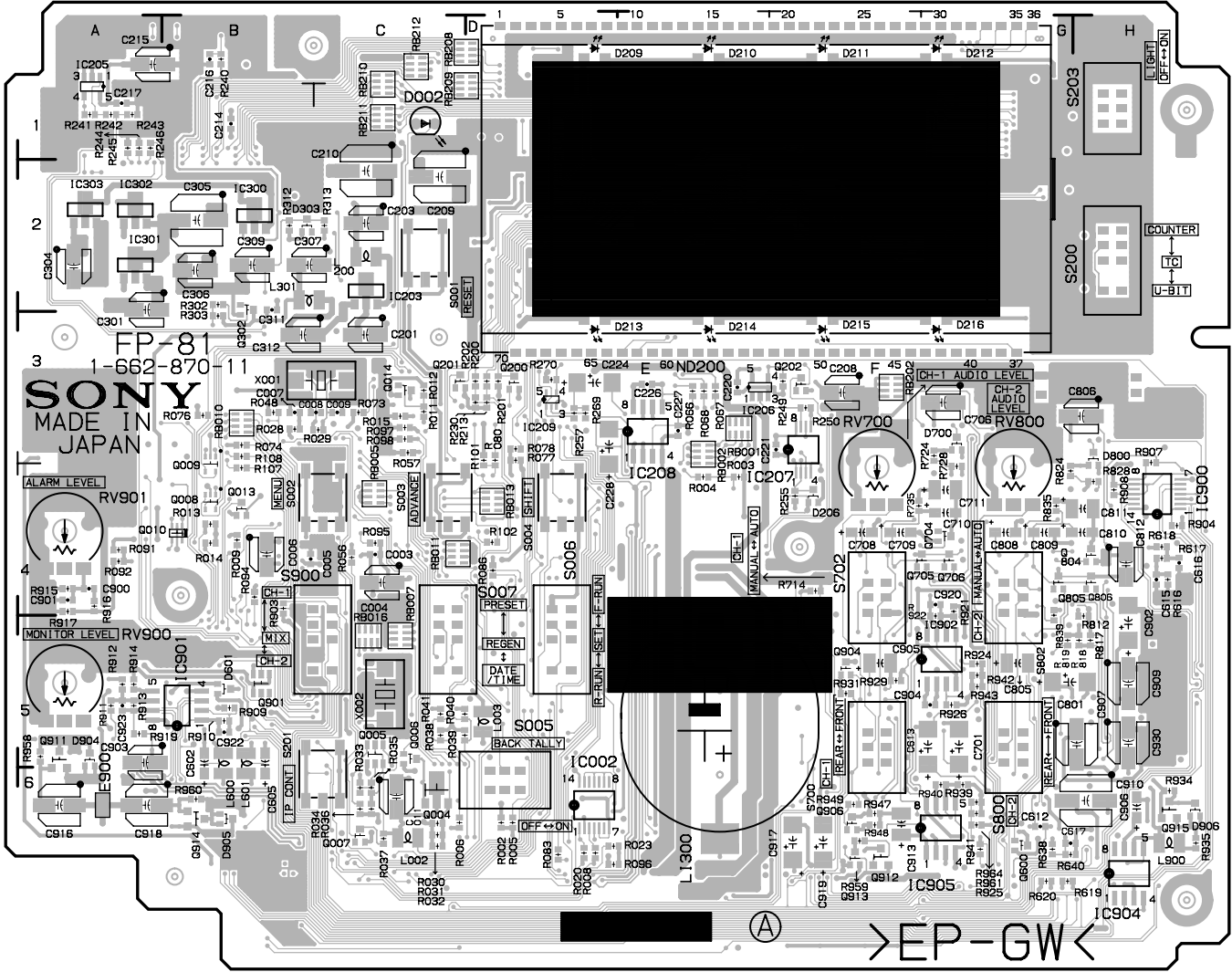


VA-172 -B SIDE-
SUFFIX: -12



FP-81 -B SIDE-
SUFFIX: -12, 13

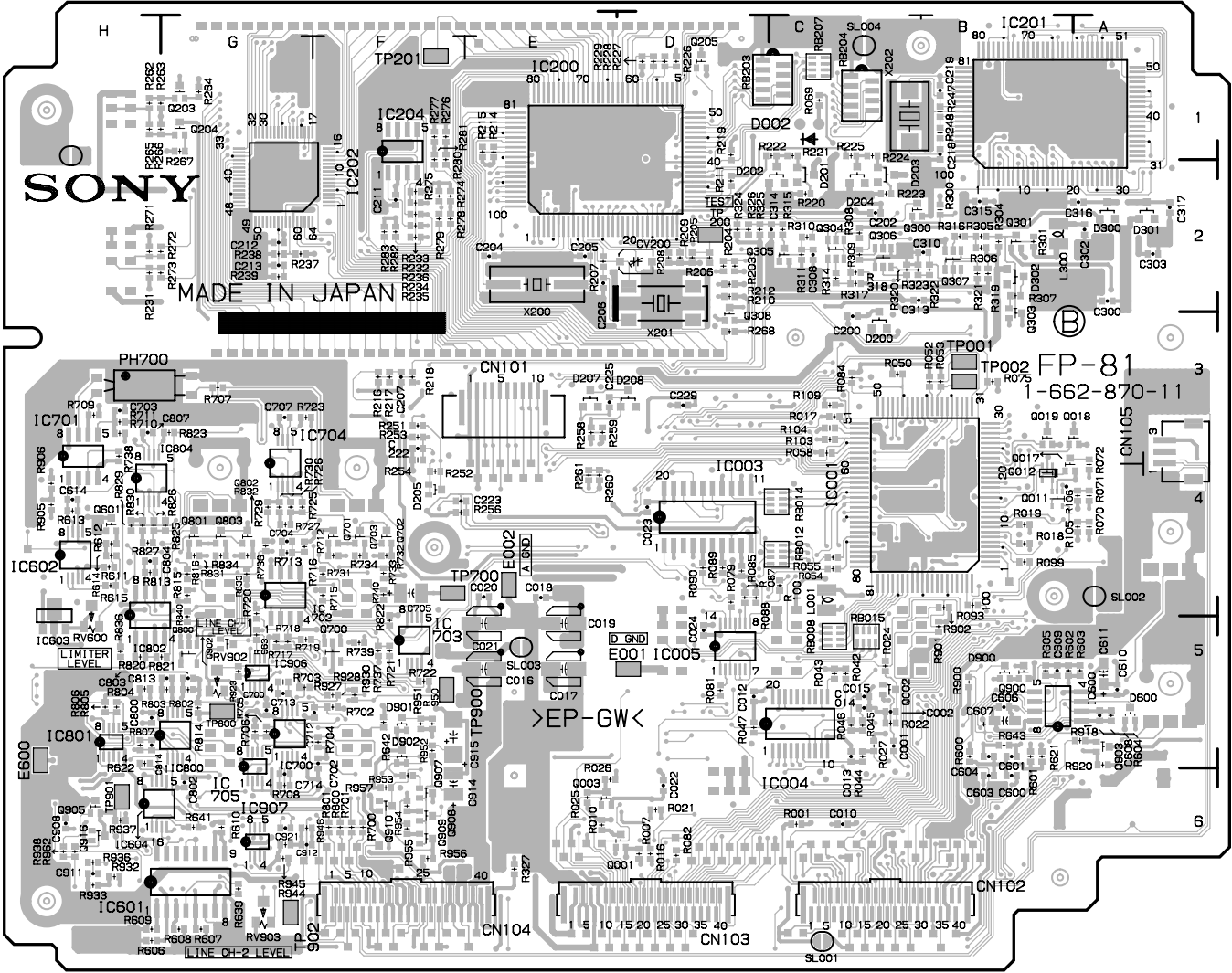
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C2	*C5	C222	*F3	C700	*G5	C915	*F5	D800	H3	IC801	*H5	Q202	F3	Q915	H6	R42	*C5	R95	C4	R229	*D1	R273	*G2	R407	*H6	R718	*G5	R826	*H4	R936	*H6	RV700	F4
C3	C4	C223	*F4	C701	G5	C916	A6	D900	*B5	IC802	*H4	Q203	*G1	Q916	*H6	R43	*C5	R96	D6	R230	D3	R274	*F2	R408	*H6	R719	*G5	R827	*H4	R937	*H6	RV800	G4
C4	C4	C224	D3	C702	*F5	C917	F6	D901	*F5	IC804	*H4	Q204	*G1			R44	*C5	R97	C3	R231	*H2	R275	*F2	R600	*B5	R720	*G4	R828	*H4	R938	*H6	RV900	A5
C5	B4	C225	*E3	C703	*H3	C918	A6	D902	*F5	IC800	H4	Q205	*G1	R1	*C6	R45	*C5	R98	C3	R232	*F2	R276	*F1	R601	*B5	R721	*G5	R829	*H4	R940	*H6	RV901	A4
C6	B4	C226	E3	C704	*G4	C919	F6	D904	A6	IC901	B5	Q300	*G2	R2	R6	R46	*C5	R99	*B4	R233	*F2	R277	*F1	R602	*B5	R722	*F5	R830	*H4	R944	*G6	RV902	*G5
C7	B3	C227	E3	C705	*F4	C920	G4	D905	B5	IC902	G5	Q301	*B2	R3	E4	R47	*D5	R100	*B4	R234	*F2	R278	*F2	R603	*B5	R723	*G3	R831	*G4	R945	*G6	RV903	*G6
C8	C3	D228	R3	C706	G3	C921	*G6	D906	H6	IC904	H6	Q302	B2	R4	E4	R48	*B3	R101	D3	R235	*F2	R279	*F1	R605	*B5	R724	*G4	R832	*G4	R946	*G6		
C9	C3	C229	*D3	C707	*G3	C922	B5			IC905	G6	Q303	*B3	R5	D6	R50	*B3	R102	D4	R236	*F2	R280	*F1	R606	*H6	R725	*G4	R833	*G4	R947	F6	S1	C2
C10	*C6	C300	*A2	C708	F4	C923	A5	E1	*D5			Q304	*C2	R6	C6	R52	*B3	R103	*C3	R237	*G2	R281	*F1	R607	*G6	R726	*G4	R834	*G4	R948	F6	S2	C4
C12	*C5	C301	A2	C709	F4	C930	H5	E2	*E4	L1	*C4	Q305	*C2	R7	*D6	R53	*B3	R104	*C3	R238	*G2	R282	*F2	R608	*G6	R727	*G4	R835	G4	R949	F6	S3	C4
C13	*D5	C302	*A2	C710	G4			E600	*H5	L2	C6	Q306	*C2	R8	D6	R54	*C4	R105	*A4	R239	*G2	R283	*F2	R609	*H6	R728	G4	R839	G4	R951	*F5	S4	D4
C14	*C5	C303	*A2	C711	G4	CN101	*E3	E900	A6	L3	D5	Q307	*B2	R9	B4	R55	*C4	R106	*A4	R240	B1	R300	*B2	R610	*G6	R729	*G4	R841	*H5	R952	*F5	S5	D6
C15	*C5	C304	A2	C712	*F5	CN102	*C6			L200	C2	Q308	*D3	R10	*E6	R56	C4	R107	B4	R241	A1	R301	*B2	R611	*H4	R730	*G4	R900	*B5	R953	*F6	S6	D5
C16	*E5	C305	B2	C713	*G5	CN103	*D6	IC1	*B4	L300	*B2	Q600	G6	R11	C3	R57	C3	R108	B3	R242	A1	R302	B2	R612	*H4	R731	*F4	R901	*B5	R954	*F6	S7	C5
C17	*E5	C306	B2	C714	*G6	CN104	*F6	IC2	D6	L301	B2	Q601	*H4	R12	C3	R58	*C3	R109	*C3	R243	A1	R303	B3	R613	*H4	R732	*F4	R902	*B4	R955	*F6	S200	H2
C18	*B4	C307	B2	C800	*H5	CN105	*A3	IC3	*D4	L600	B5	Q700	*F5	R13	B4	R66	E3	R200	D3	R244	A1	R304	*B2	R614	*H4	R733	*F4	R903	B4	R956	*F6	S201	C6
C19	*E5	C308	*C2	C801	G5			IC4	*C5	L601	B5	Q701	*F4	R14	B4	R67	E3	R201	D3	R245	A1	R305	*B2	R616	H4	R734	*F4	R904	H4	R957	*F6	S203	H1
C20	*B4	C309	B2	C802	*G6	CV200	*D2	IC5	*D5	L900	H6	Q702	*F4	R15	C3	R68	E3	R202	D3	R246	A1	R306	*B2	R619	G6	R735	F4	R905	*H4	R958	A5	S700	F5
C21	*E5	C310	*B2	C803	*G5			IC200	*E1			Q703	*F4	R16	*D6	R69	*C1	R203	*D2	R247	*B1	R307	*B2	R620	G6	R736	*G4	R906	*H4	R959	F6	S702	F4
C22	*D6	C311	B2	C804	*H4	D2	C1	IC201	*B1	LI300	E5	Q704	G4	R17	*C3	R70	*A4	R204	*D2	R248	*B1	R308	*C2	R621	*B5	R738	*H3	R907	H3	R960	H6	S800	G5
C23	*D4	C312	B3	C805	G5	D200	*C3	IC202	*G2			Q705	G4	R18	*B4	R71	*A4	R205	*D2	R249	F3	R309	*C2	R638	G6	R739	*F5	R908	H4	R962	*H6	S802	G4
C24	*D5	C313	*C2	C806	H3	D201	*C2	IC203	C2	ND200	D1	Q706	G4	R19	*B4	R72	*A4	R206	*D2	R250	F3	R310	*C2	R639	*G6	R742	*G6	R909	B5			S900	B5
C200	*C3	C314	*C2	C807	*H3	D202	*C2	IC204	*F1			Q800	*G5	R20	D6	R73	C3	R207	*E2	R251	*F3	R311	*C2	R640	G6	R800	*F6	R910	B5	RB1	E3		
C201	C3	C315	*B2	C808	G4	D203	*C2	IC205	A1	PH700	*H3	Q801	*G4	R21	*D6	R74	B3	R208	*D2	R252	*F4	R312	B2	R641	*G6	R801	*F6	R911	A5	RB2	E3	TP1	*B3
C202	*C2	C316	*A2	C809	G4	D204	*C2	IC206	E3			Q802	*G4	R22	*C5	R75	*B3	R209	*D2	R253	*F3	R313	C2	R642	*F5	R802	*G5	R912	A5	RB5	C4	TP2	*B3
C203	C2	C317	*A2	C810	H4	D205	*F4	IC207	F3	Q1	*D6	Q803	*G4	R23	D6	R76	B3	R210	*D2	R254	*F3	R314	*C2	R643	*B5	R803	*G5	R913	A5	RB7	C5	TP200	*D2
C204	*E2	C401	*H6	C811	H4	D206	F4	IC208	E3	Q2	*C5	Q804	H4	R24	*C5	R77	D3	R211	*D2	R255	F4	R315	*C2	R700	*F6	R804	*H5	R914	A5	RB8	*C5	TP201	*F1
C205	*E2	C402	H6	C812	H4	D207	*E3	IC209	D3	Q3	*E6	Q805	G4	R25	*E6	R78	D3	R212	*D2	R256	*F4	R316	*B2	R701	*F6	R805	*H5	R915	A4	RB10	B3	TP700	*F4
C206	*E2	C403	*H6	C813	*G5	D208	*D3	IC300	B2	Q4	C6	Q806	H4	R26	*E6	R79	*D4	R213	D3	R257	F3	R317	*C2	R702	*F5	R806	*H5	R916	A4	RB11	C4	TP800	*G5
C207	*F3	C404	*H6	C814	*H5	D209	D1	IC301	A2	Q5	C5	Q900	*B5	R27	*C5	R80	D3	R214	*B1	R258	*E3	R318	*C2	R703	*G5	R807	*H5	R917	A4	RB12	*C4	TP900	*F5
C208	F3	C405	*H6	C900	A4	D210	E1	IC302	A2	Q6	C5	Q901	B5	R28	*B3	R81	*D5	R215	*B1	R259	*E3	R319	*B2	R704	*F5	R812	H5	R918	*A5	RB13	D4	TP901	*H6
C209	C2	C406	*H6	C901	A4	D211	F1	IC303	A2	Q7	C6	Q902	*G5	R29	C3	R82	*D6	R216	*F3	R260	*E4	R320	*C2	R705	*G5	R813	*H4	R919	A5	RB14	*C4	TP902	*G6
C210	C2	C602	B5	C902	H5	D212	G1	IC600	*B5	Q8	B4	Q903	*A5	R30	C6	R83	D6	R217	*F3	R261	*H4	R321	*B2	R706	*G5	R814	*G5	R920	*A5	RB15	*C5		
C211	*F2	C605	B5	C903	A5	D213	D3	IC601	*G6	Q9	B4	Q904	F5	R31	C6	R84	*C3	R218	*F3	R262	*H1	R322	*B2	R707	*G3	R815	*G4	R922	G5	RB16	C5	X1	C3
C212	*G2	C606	*B5	C904	G5	D214	E3	IC602	*H4	Q10	B4	Q905	*H6	R32	C6	R85	*D4	R219	*D1	R263	*G1	R323	*C2	R708	*G6	R816	*G4	R926	G5	RB202	F3	X2	C5
C213	*G2	C607	*B5	C905	F5	D215	F3	IC603	*H4	Q11	*B4	Q906	F6	R33	C6	R86	D4	R220	*C2	R264	*G1	R324	*D2	R709	*H3	R817	H5	R927	*G5	RB203	*C1	X200	*E2
C214	B1	C608	*A5	C907	H5	D216	G3	IC604	*H6	Q12	*B4	Q907	F6	R34	C6	R87	*D4	R221	*C1	R265	*H1	R325	*D2	R710	*H3	R818	H5	R928	*F5	RB204	*C1	X201	*D2
C215	A1	C609	*B5	C908	*H6	D300	*A2	IC700	*G5	Q13	B4	Q908	*F6	R35	C6	R88	*D4	R222	*C1	R266	*G1	R326	*D2	R711	*H3	R819	G5	R929	F5	RB207	*C1	X202	*C1
C216	B1	C610	*A5	C909	H5	D301	*A2	IC701	*H3	Q14	C3	Q909	*F6	R36	C6	R89	*D4	R223	*C2	R267	*G1	R327	*E6	R712	*G4	R820	*H5	R930	*F5	RB208	D1		
C217	A1	C611	*A5	C910	H6	D302	*B2	IC702	*G4	Q17	*B4	Q910	*F6	R37	C6	R90	*D4	R224	*C1	R268	*D3	R402	*H6	R713	*F4	R821	*G5	R931	F5	RB209	D1	*:B SIDE	
C218	*B1	C612	G6	C911	*H6	D303	B2	IC703	*F5	Q18	*A3	Q911	A5	R38	C5	R91	A4	R225	*C1	R269	D3	R403	*H6	R714	*G4	R822	*F5	R932	H6	RB210	C1		
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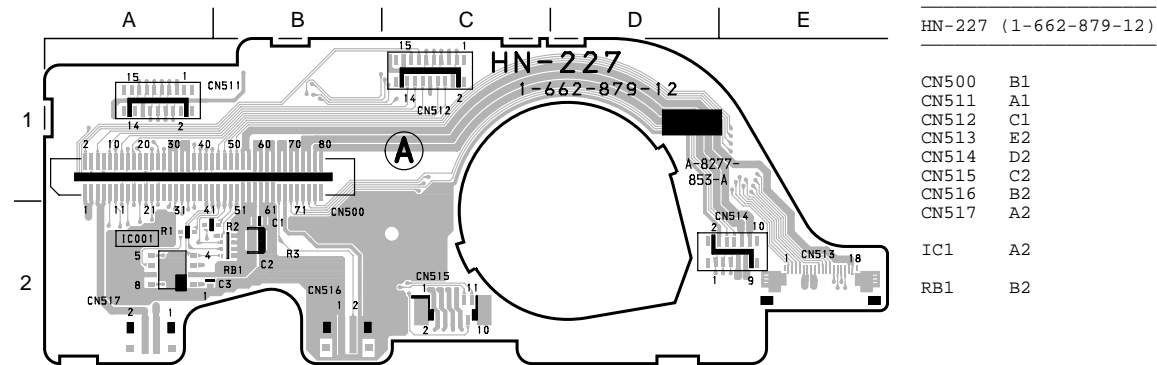
FP-81 -A SIDE-
SUFFIX: -11

FP-81 (1-662-870-11)

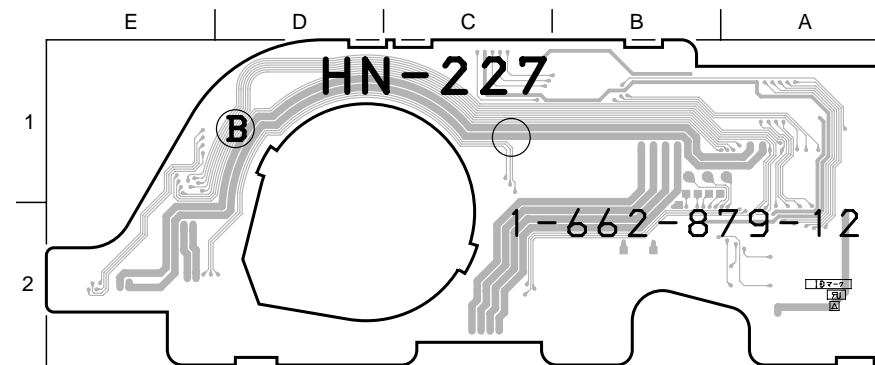
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CN103	*D6	D700	G3	IC301	A2	L300	*B2	RB13	D4	S201	C6
CN104	*F6	D800	H3	IC302	A2	L301	B2	RB14	*C4	S203	H1
CN105	*A3	D900	*B5	IC303	A2	L600	B5	RB15	*C5	S700	F5
		D901	*F5	IC600	*B5	L601	B5	RB16	C5	S702	F4
CV200	*D2	D902	*F5	IC601	*G6	L900	H6	RB202	F3	S800	G5
		D904	A5	IC602	*H4			RB203	*C1	S802	G4
D2	C1	D905	B6	IC603	*H4	ND200	D1	RB204	*C1	S900	B5
D200	*C3	D906	H6	IC604	*H6			RB207	*C1		
D201	*C2			IC700	*G5	PH700	*H3	RB208	D1	TP1	*B3
D202	*C2	E1	*D5	IC701	*H3			RB209	D1	TP2	*B3
D203	*C2	E2	*E4	IC702	*G4	Q1	*D6	RB210	C1	TP200	*D2
D204	*C2	E600	*F5	IC703	*F5	Q2	*C3	RB211	C1	TP201	*F1
D205	*F4	E900	A6	IC704	*G3	Q908	*F6	RB212	C1	TP700	*F4
D206	F4			IC705	*G5	Q909	*F6			TP800	*G5
D207	*E3	IC1	*B4	IC800	*G5	Q910	*F6	RV600	*H4	TP900	*F5
D208	*D3	IC2	D6	IC801	*H5	Q911	A5	RV700	F4	TP901	*H6
D209	D1	IC3	*A4	IC802	*H4	Q912	F6	RV800	G4	TP902	*G6
D210	E1	IC4	*C5	IC804	*H4	Q913	F6	RV900	A5		
D211	F1	IC5	*D5	IC900	H4	Q914	B6	RV901	A4	X1	C3
D212	G1	IC200	*E1	IC901	B5	Q915	H6	RV902	*G5	X2	C5
D213	D3	IC201	*B1	IC902	G5	Q916	*H6	RV903	*G6	X200	*E2
D214	E3	IC202	*G2	IC904	H6					X201	*D2
D215	F3	IC203	C2	IC905	G6	RB1	E3	S1	C2	X202	*C1
D216	G3	IC204	*F1			RB2	E3	S2	C4		
D300	*A2	IC205	A1	LI300	E5	RB5	C4	S3	C4		
D301	*A2	IC206	E3			RB7	C5	S4	D4		
D302	*B2	IC207	F3	L1	*C4	RB8	*C5	S5	D6		
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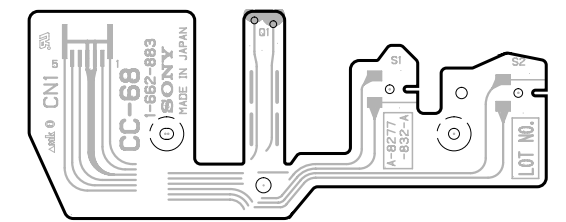
FP-81 -B SIDE-
SUFFIX: -11



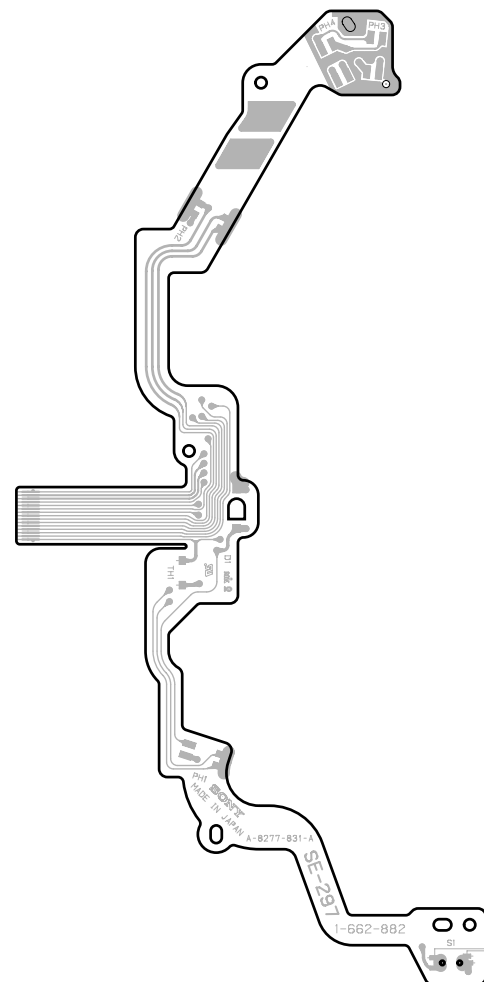
HN-227 -A SIDE-SUFFIX: -12



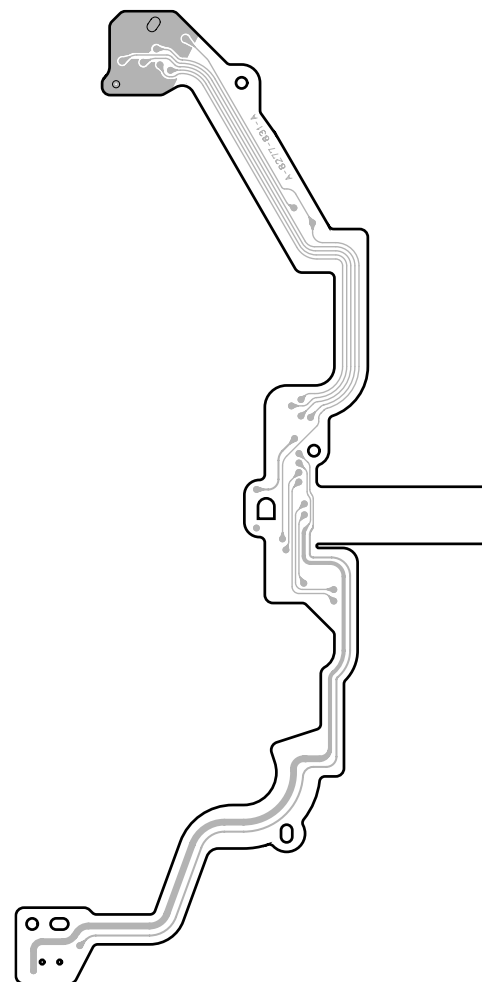
HN-227 -B SIDE-
SUFFIX: -12



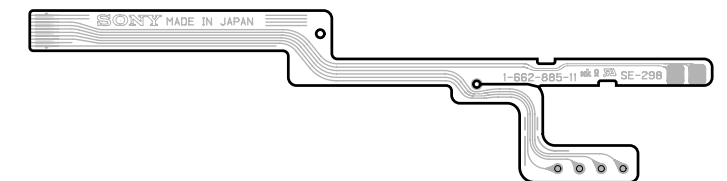
CC-68 -A SIDE-SUFFIX: -11, 12



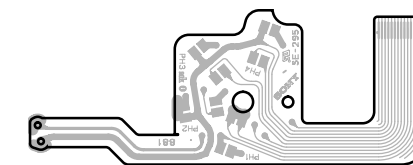
SE-297 -A SIDE-SUFFIX: -11, 12, 13



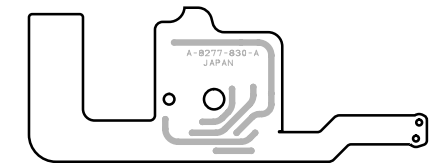
SE-297 -B SIDE-
SUFFIX: -11, 12, 13



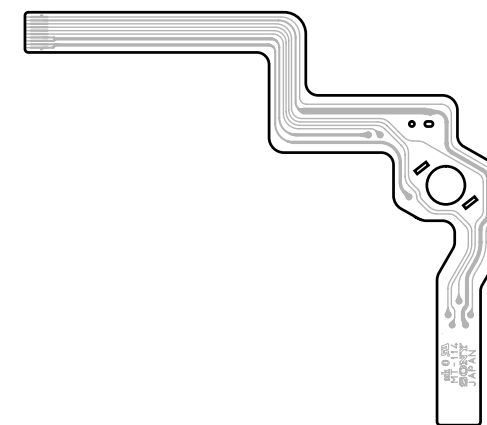
SE-298 -A SIDE-SUFFIX: -11



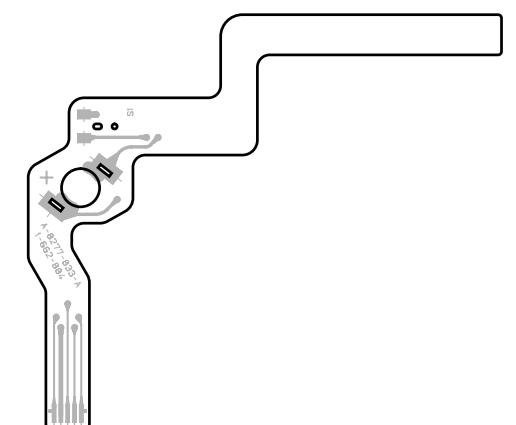
SE-295 -A SIDE-SUFFIX: -11, 12, 13, 14



SE-295 -B SIDE-
SUFFIX: -11, 12, 13, 14



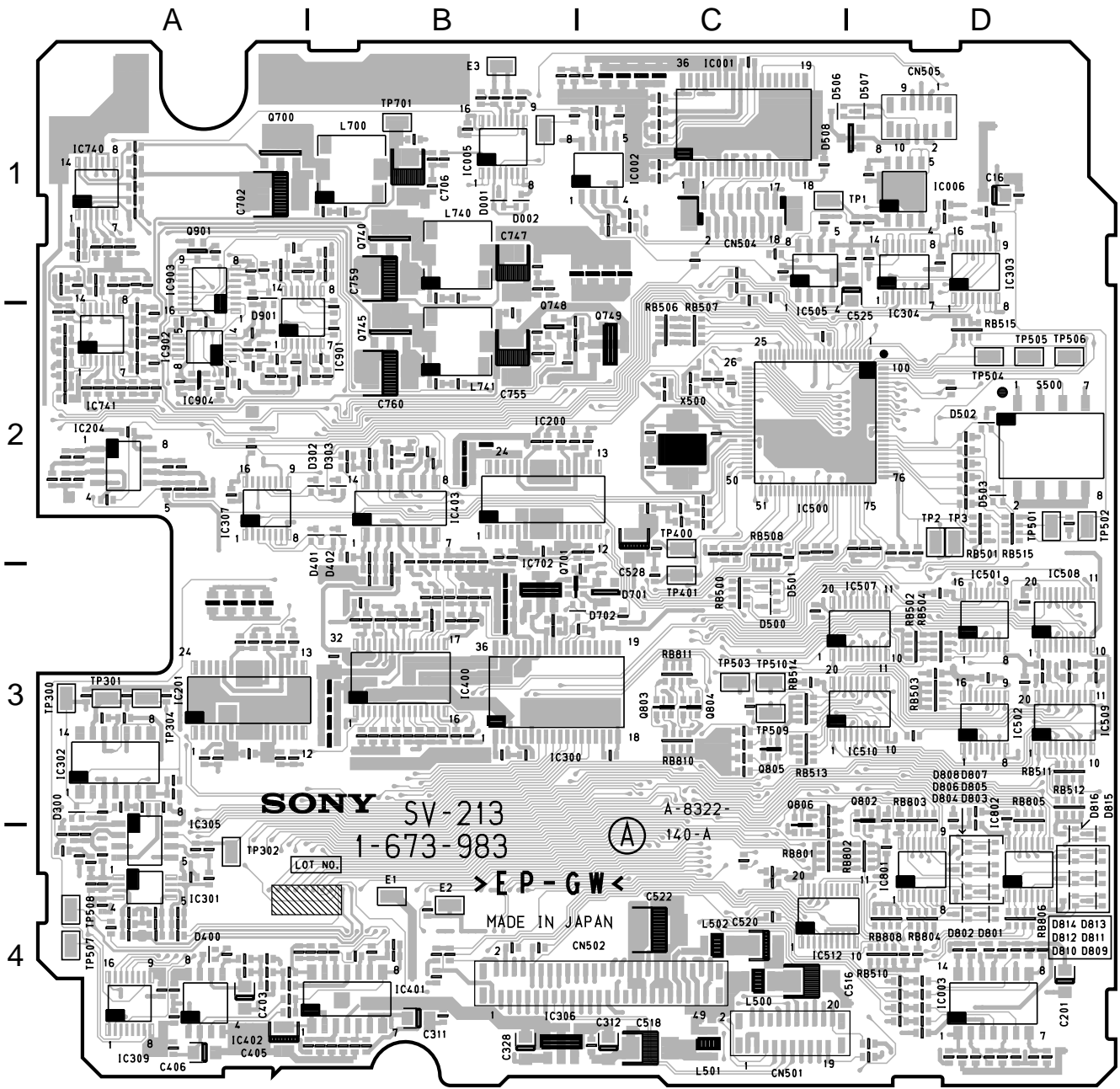
MT-114 -A SIDE-SUFFIX: -11, 12



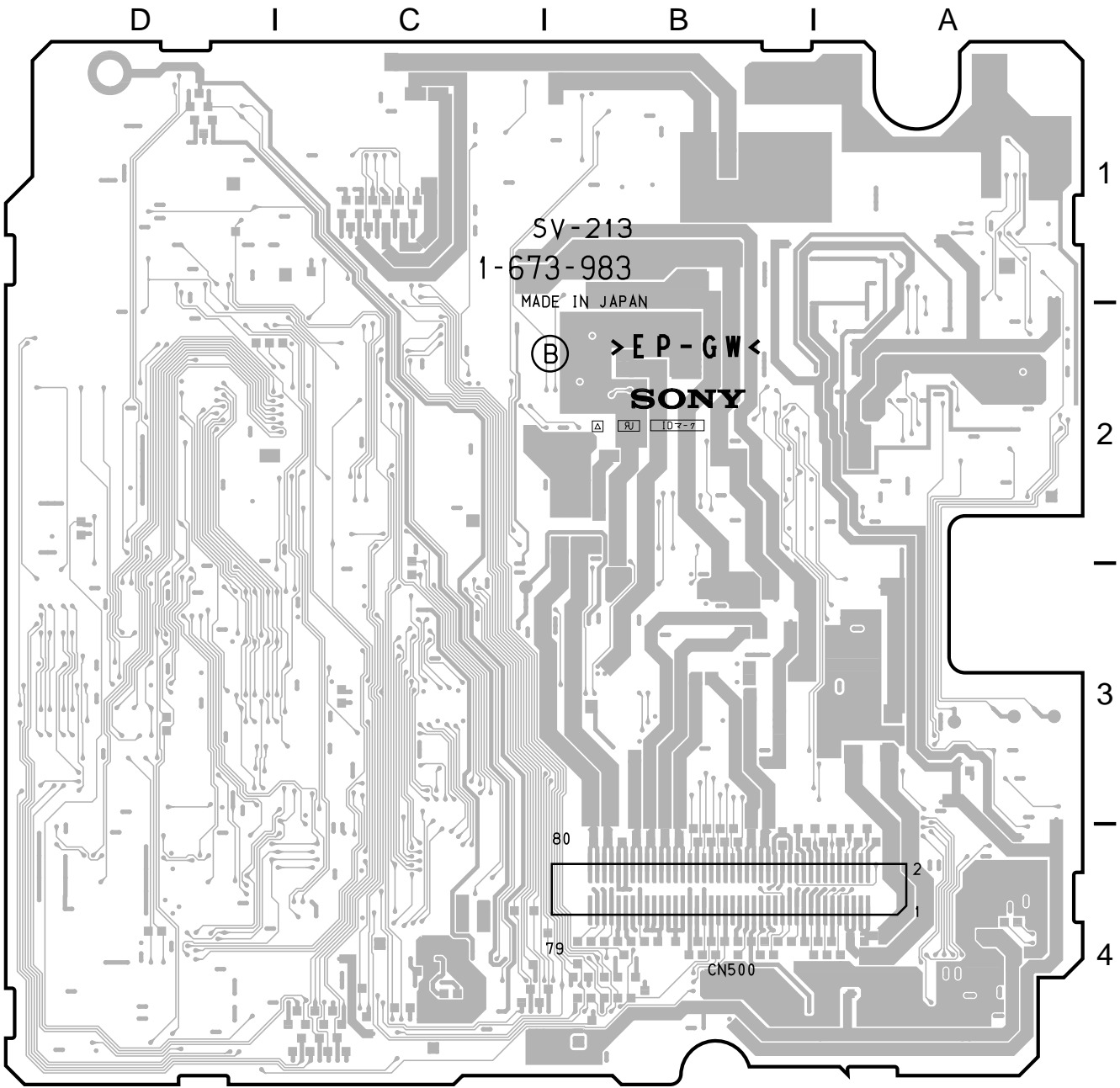
MT-114 -B SIDE-
SUFFIX: -11, 12

SV-213(1-673-983-12)

C1	C1	C503	D2	CL33	*B4	CL417	*C1	IC400	B3	R209	D4	R415	A4	R743	A1	S500	D2
C2	A1	C504	D2	CL35	*B4	CL418	*C1	IC401	B4	R210	D4	R416	A4	R744	A1		
C3	A1	C505	D2	CL36	*B4	CL503	*D1	IC402	A4	R211	D4	R417	A4	R745	A2	TP1	C1
C4	A2	C506	D2	CL37	*B4	CL504	*D1	IC403	B2	R219	B2	R418	C3	R746	A2	TP2	D2
C5	C1	C507	D2	CL38	*B4	CL505	*D1	IC500	C2	R220	B2	R419	B2	R747	A2	TP3	D2
C6	B1	C508	D2	CL40	*B4	CL506	*D1	IC501	D3	R222	C2	R420	B3	R748	A2	TP300	A3
C7	C1	C509	D2	CL41	*B4	CL507	*D1	IC502	D3	R223	C2	R421	B3	R749	A2	TP301	A3
C8	C1	C510	D2	CL42	*B4	CL508	*D1	IC505	C1	R225	A2	R422	B2	R750	A2	TP302	A4
C9	C1	C512	D2	CL43	*B4	CL1001	*D1	IC507	D3	R226	A2	R423	B3	R751	A2	TP304	A3
C10	C1	C516	C4	CL44	*B4	CL1002	*D3	IC508	D3	R227	A2	R424	B3	R752	A1	TP400	C2
C11	C1	C517	C3	CL45	*B4	CL1003	*D3	IC509	D3	R228	A2	R425	B3	R753	A1	TP401	C3
C13	D1	C518	C4	CL46	*B4	CL1300	*A3	IC510	D3	R229	B2	R426	C2	R754	B1	TP501	D2
C16	D1	C520	C4	CL47	*B4	CL1301	*A3	IC512	C4	R230	B2	R427	B3	R759	B1	TP502	D2
C17	D4	C522	C4	CL48	*B4	CL1302	*A3	IC702	B3	R231	B2	R428	B3	R760	B1	TP503	C3
C18	B1	C524	D1	CL49	*B4	CL1304	*A3	IC740	A1	R232	B2	R429	B2	R761	B1	TP504	D2
C200	D4	C525	D1	CL50	*B4	CL1400	*C2	IC741	A2	R233	B2	R430	B2	R762	A2	TP505	D2
C201	D4	C526	C1	CL51	*B4	CL1401	*C3	IC801	D4	R234	B2	R431	B3	R763	A2	TP506	D2
C202	D4	C527	C2	CL52	*B4	CL1502	*D2	IC802	D4	R235	B2	R432	B3	R764	A2	TP507	A4
C203	C2	C528	C2	CL56	*B4	CL1503	*C4	IC901	A2	R236	B2	R433	B3	R765	A2	TP508	A4
C204	B2	C529	C2	CL57	*B4	CL1504	*D2	IC902	A2	R238	A3	R434	B3	R766	A2	TP509	C3
C205	A2	C530	C2	CL60	*B4	CL1505	*D2	IC903	A1	R239	A3	R436	B3	R767	A2	TP510	C3
C206	A2	C531	C2	CL64	*B4	CL1506	*C2	IC904	A2	R241	A3	R437	B3	R768	A2	TP701	B1
C207	A3	C533	D3	CL65	*B4	CL1507	*A4			R242	A3	R438	B3	R769	A1	TP704	B1
C208	A2	C534	D3	CL67	*B4	CL1508	*A4	L500	C4	R244	A2	R439	B3	R770	A1		
C209	A2	C535	C3	CL68	*B4	CL1509	*C3	L501	C4	R245	A2	R440	B3	R771	B2	X500	C2
C210	D1	C537	C4	CL69	*B4	CL1510	*C3	L502	C4	R246	A2	R441	B3	R772	B2		
C211	A2	C538	D3	CL71	*B4	CL1901	*C1	L700	B1	R247	A2	R442	B1	R773	B2	*:B SIDE	
C212	A3	C539	D3	CL72	*B4	CL1902	*D4	L740	B1	R248	A3	R443	C1	R774	B2		
C300	A4	C700	A2	CL73	*B4	CL1903	*D4	L741	B2	R249	A3	R444	C1	R775	B2		
C301	A4	C701	A1	CL74	*B4					R250	A3	R445	C1	R776	B2		
C302	A4	C702	A1	CL75	*B4	CN500	*B4	LND1	D1	R251	A3	R501	C1	R777	B2		
C303	A4	C705	B1	CL77	*B4	CN501	C4			R252	A3	R502	C2	R778	B2		
C304	A4	C706	B1	CL80	*B4	CN502	C4	Q700	A1	R253	A3	R503	C2	R801	D4		
C305	A4	C707	B1	CL104	*C4	CN504	C1	Q701	B3	R254	A3	R504	D2	R802	C4		
C306	A4	C740	A1	CL105	*C4	CN505	D1	Q740	B1	R255	A3	R505	C2	R805	D4		
C309	A4	C741	A2	CL107	*C4			Q745	B2	R300	A4	R513	C1	R806	D3		
C310	B4	C742	A2	CL108	*C4	D1	B1	Q748	B2	R301	A4	R514	C2	R810	D3		
C311	B4	C746	B1	CL109	*C4	D2	B1	Q749	C2	R302	A4	R515	C1	R811	C3		
C312	C4	C747	B1	CL110	*C4	D300	A3	Q802	D3	R303	A4	R516	C1	R812	C3		
C313	C4	C748	B3	CL111	*C4	D302	B2	Q803	C3	R304	A4	R517	C4	R813	D3		
C314	B2	C749	A2	CL112	*C4	D303	B2	Q804	C3	R305	A4	R518	C3	R814	D4		
C315	B2	C750	A2	CL113	*C4	D400	A4	Q805	C3	R306	A3	R519	C1	R818	C3		
C317	B2	C754	B2	CL114	*C4	D401	B2	Q806	C4	R307	A3	R520	C1	R820	C3		
C318	B2	C755	B2	CL115	*C4	D402	B2	Q901	A1	R308	A3	R521	C2	R822	C3		
C319	B3	C756	B2	CL116	*C4	D500	C3			R309	A4	R522	C2	R824	C3		
C320	B3	C757	A1	CL117	*C4	D501	C3	R1	C1	R310	A4	R523	C2	R901	A1		
C321	B3	C758	A2	CL118	*C4	D502	D2	R3	C1	R311	A3	R524	C2	R902	A2		
C322	B3	C759	B1	CL119	*C4	D503	D2	R4	C1	R312	A3	R525	C2	R903	A2		
C323	B3	C760	B2	CL120	*C4	D506	C1	R5	C1	R313	A3	R526	C2	R904	A2		
C324	A4	C761	A2	CL201	*B4	D507	D1	R6	D1	R314	A4	R529	D2	R905	A2		
C325	A3	C801	D3	CL202	*B4	D508	D1	R7	D1	R315	A4	R533	B4	R906	A2		
C326	D1	C802	D3	CL203	*B4	D701	C3	R8	D1	R316	A4	R534	B4	R907	A2		
C327	D1	C901	A2	CL204	*B4	D702	C3	R10	D4	R317	A4	R535	B4	R908	A2		
C328	B4	C902	A2	CL205	*B4	D801	D4	R11	D4	R318	D1	R536	D4	R909	B2		
C329	A2	C903	A2	CL206	*B4	D802	D4	R12	D4	R323	A4	R537	D4	R910	B2		
C331	A4	C904	A1	CL207	*B4	D803	D4	R13	D4	R324	A4	R540	D4	R911	B2		
C332	A4	C905	A2	CL208	*B4	D804	D4	R14	D4	R325	A3	R541	B4	R912	B2		
C333	A3	C906	A2	CL209	*B4	D805	D4	R16	D4	R326	A3	R542	B4	R913	B1		
C334	A4	C907	A2	CL210	*B4	D806	D4	R17	D4	R327	A3	R543	B4	R914	B1		
C400	B4	C908	B1	CL211	*B4	D807	D4	R18	D4	R328	B4	R544	C4	R915	B1		
C401	A4	C909	A1	CL212	*B4	D808	D4	R19	D4	R329	B4	R545	C4	R916	B2		
C402	A4	C910	A2	CL213	*B4	D809	D4	R20	D4	R330	A2	R546	D3	R917	A1		
C403	A4	C911	A1	CL214	*B4	D810	D4	R21	D1	R331	C3	R547	D3	R918	B2		
C404	B4	C912	A2	CL218	*B4	D811	D4	R27	C1	R332	C2	R548	D3	R919	A1		
C405	A4			CL219	*B4	D812	D4	R28	C1	R333	B2	R549	D3	R921	A1		
C406	A4	CL2	*A4	CL220	*C4	D813	D4	R29	C2	R337	B2	R550	D3	R922	A1		
C407	B2	CL3	*A4	CL221	*C4	D814	D4	R30	A1	R339	B2	R551	D3	R923	B2		
C408	B3	CL4	*A4	CL222	*C4	D815	D4	R31	A2	R340	B2	R552	D3				
C409	B3	CL5	*A4	CL223	*C4	D816	D4	R32	B1	R341	B2	R553	C2	RB500	C3		
C410	B3	CL6	*A4	CL224	*C4	D901	A1	R33	B1	R342	B2	R555	C2	RB501	D2		
C411	B3	CL8	*A4	CL225	*C4			R34	B1	R343	B2	R556	C2	RB502	D3		
C412	B3	CL9	*A4	CL233	*C4	E1	B4	R35	B1	R344	B3	R557	D3	RB503	D3		
C413	B3	CL10	*A4	CL236	*C3	E2	B4	R36	B1	R345	B3	R558	C2	RB504	D3		
C414	B3	CL11	*A4	CL238	*C4	E3	B1	R37	C1	R346	B3	R559	C2	RB506	C2		
C415	B3	CL12	*A4	CL243	*C4			R38	B1	R347	B3	R700	A1	RB507	C2		
C416	B3	CL13	*A4	CL244	*C4	IC1	C1	R39	C1	R348	C3	R701	A1	RB508	C2		
C417	B3	CL14	*A4	CL246	*C4	IC2	C1	R40	C1	R349	C2	R702	A2	RB510	D4		
C418	B3	CL15	*A4	CL248	*C4	IC3	D4	R41	C1	R400	B4	R703	A2	RB511	D3		
C419	B3	CL16	*A4	CL250	*C4	IC5	B1	R42	C1	R401	B4	R704	A1	RB512	D3		
C420	B3	CL17	*A4	CL401	*C1	IC6	D1	R43	C1	R402	A4	R705	A1	RB513	C3		
C421	B3	CL18	*B4	CL402	*C1	IC200	B2	R44	C1	R403	A4	R706	A1	RB514	C3		
C422	B3	CL19	*B4	CL403	*C1	IC201	A3	R45	C1	R404	A4	R707	A1	RB515	D2		
C423	B3	CL20	*B4	CL405	*C1	IC204	A2	R46	D1	R405	A4	R708	A1	RB516	D2		
C424	B3	CL21	*B4	CL406	*C1	IC300	B3	R47	D4	R406	A4	R709	B1	RB801	C4		
C425	B3	CL22	*D2	CL407	*C1	IC301	A4	R48	D4	R407	A4	R710	C3	RB802	D4		
C426	B4	CL23	*B4	CL409	*C1	IC302	A3	R49	C2	R408	A4	R711	C3	RB803	D3		
C427	A4	CL24	*B4	CL410	*C1	IC303	D1	R203	D4	R409	C2	R714	B1	RB804	D4		
C428	B2	CL25	*B4	CL411	*C1	IC304	D1	R204	D4	R410	B4	R715	B1	RB805	D3		
C429	B4	CL26	*B4	CL412	*C1	IC305	A4	R205	D4	R411	B4	R716	B1	RB806	D4		
C500	D2	CL29	*B4	CL413	*C1	IC306	B4	R206	D4	R412	B4	R740	A1	RB808	D4		
C501	D2	CL31	*B4	CL415	*C1	IC307	A2	R207	D4	R413	B4	R741	A1	RB810	C3		
C502	D2	CL32	*B4	CL416	*C1	IC309	A4	R208	D4	R414	B4	R742	A1	RB811	C3		



SV-213 -A SIDE-
SUFFIX: -12

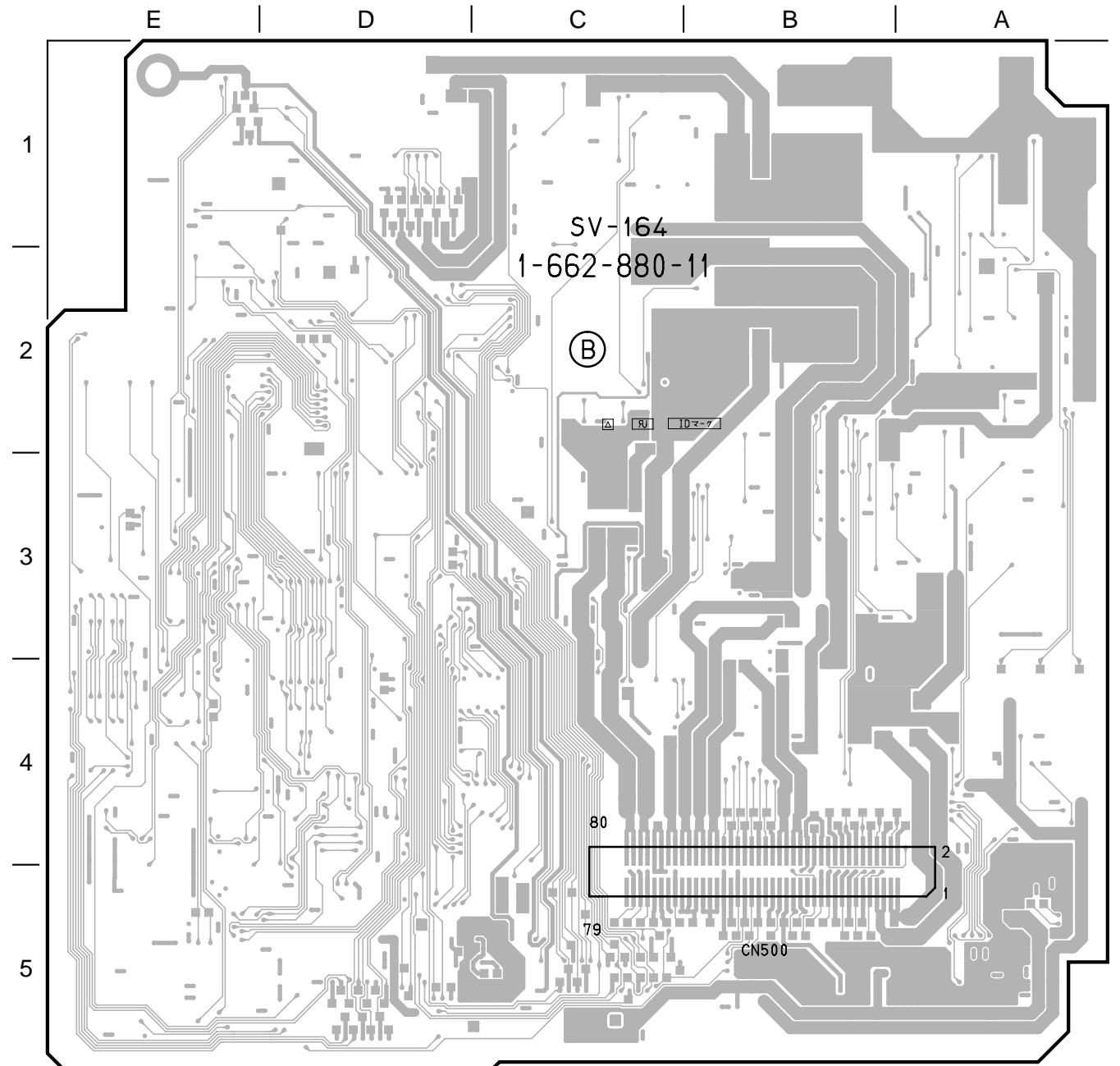


SV-213 -B SIDE-
SUFFIX: -12

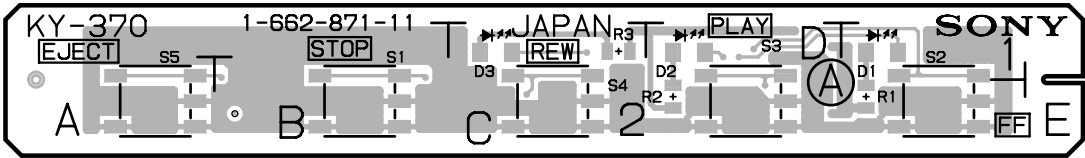


SV-164 (1-662-880-11)

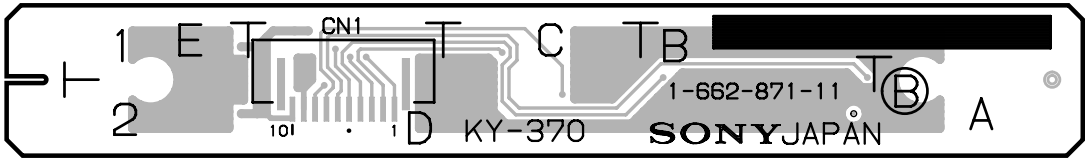
CN500	*B5	Q749	C2
CN501	D5	Q802	D4
CN502	C5	Q803	D4
CN504	D1	Q804	D4
CN505	E1	Q805	D4
		Q806	D4
D1	C1		
D2	C1	RB500	D3
D300	A4	RB501	E3
D302	B3	RB502	E3
D303	B3	RB503	E4
D400	A5	RB504	E3
D401	B3	RB506	C2
D402	B3	RB507	C2
D500	D3	RB508	D3
D501	D3	RB510	E5
D502	E2	RB511	E4
D503	E3	RB512	E4
D506	D1	RB513	D4
D507	D1	RB514	D3
D508	D1	RB515	E3
D701	C3	RB516	E2
D702	C3	RB801	D4
D801	E5	RB802	D4
D802	E5	RB803	E4
D803	E4	RB804	E5
D804	E4	RB805	E4
D805	E4	RB806	E5
D806	E4	RB808	E5
D807	E4	RB810	D4
D808	E4	RB811	D4
D809	E5		
D810	E5	S500	E2
D811	E5		
D812	E5	TP1	D1
D813	E5	TP2	E3
D814	E5	TP3	E3
D815	E4	TP300	A4
D816	E4	TP301	A4
		TP302	A4
E1	B5	TP304	A4
E2	B5	TP400	D3
E3	C1	TP401	D3
		TP501	E3
IC1	D1	TP502	E3
IC2	C1	TP503	D3
IC3	E5	TP504	E2
IC5	C1	TP505	E2
IC6	E1	TP506	E2
IC200	C3	TP507	A5
IC201	A4	TP508	A5
IC204	A3	TP509	D4
IC300	C4	TP510	D3
IC301	A5		
IC302	A4	X500	C2
IC303	E2		
IC304	E2	*:B SIDE	
IC305	A4		
IC306	C5		
IC307	B3		
IC309	A5		
IC400	B4		
IC401	B5		
IC402	A5		
IC403	B3		
IC500	D2		
IC501	E3		
IC502	E4		
IC505	D2		
IC507	D3		
IC508	E3		
IC509	E4		
IC510	D4		
IC512	D5		
IC702	C3		
IC740	A1		
IC741	A2		
IC801	E5		
IC802	E4		
L500	D5		
L501	D5		
L502	D5		
L700	B1		
L740	B1		
L741	B2		
Q700	B1		
Q701	C3		
Q740	B2		
Q745	B2		
Q748	C2		



SV-164 -B SIDE-
SUFFIX: -11



KY-370 -A SIDE-
SUFFIX: -11

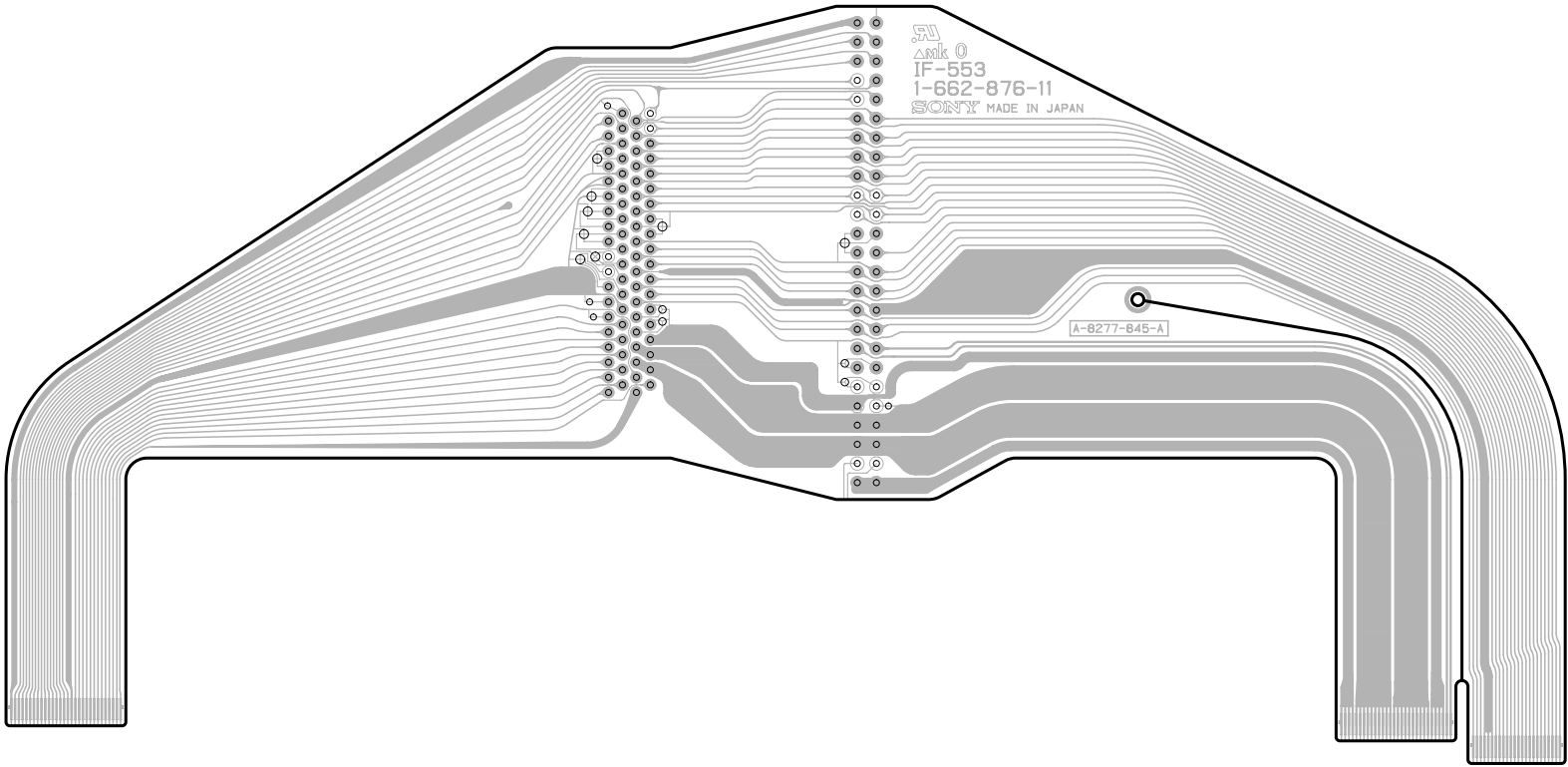


KY-370 -B SIDE-
SUFFIX: -11

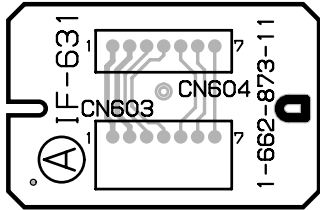
KY-370 (1-662-871-11)

CN1	*D1
D1	E1
D2	D1
D3	C1
S1	B2
S2	E2
S3	D2
S4	C2
S5	A2

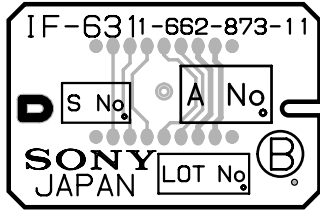
*:B SIDE



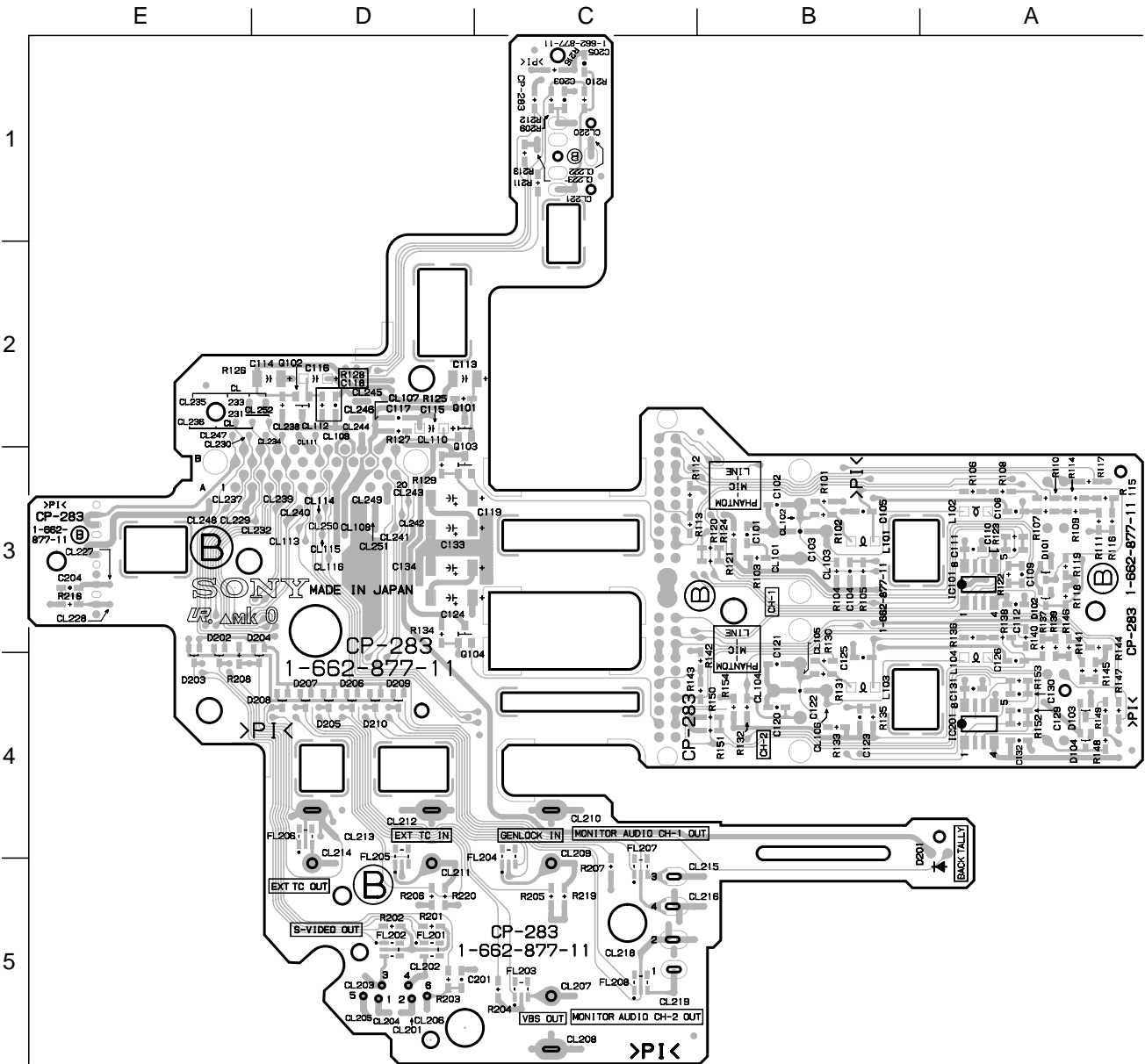
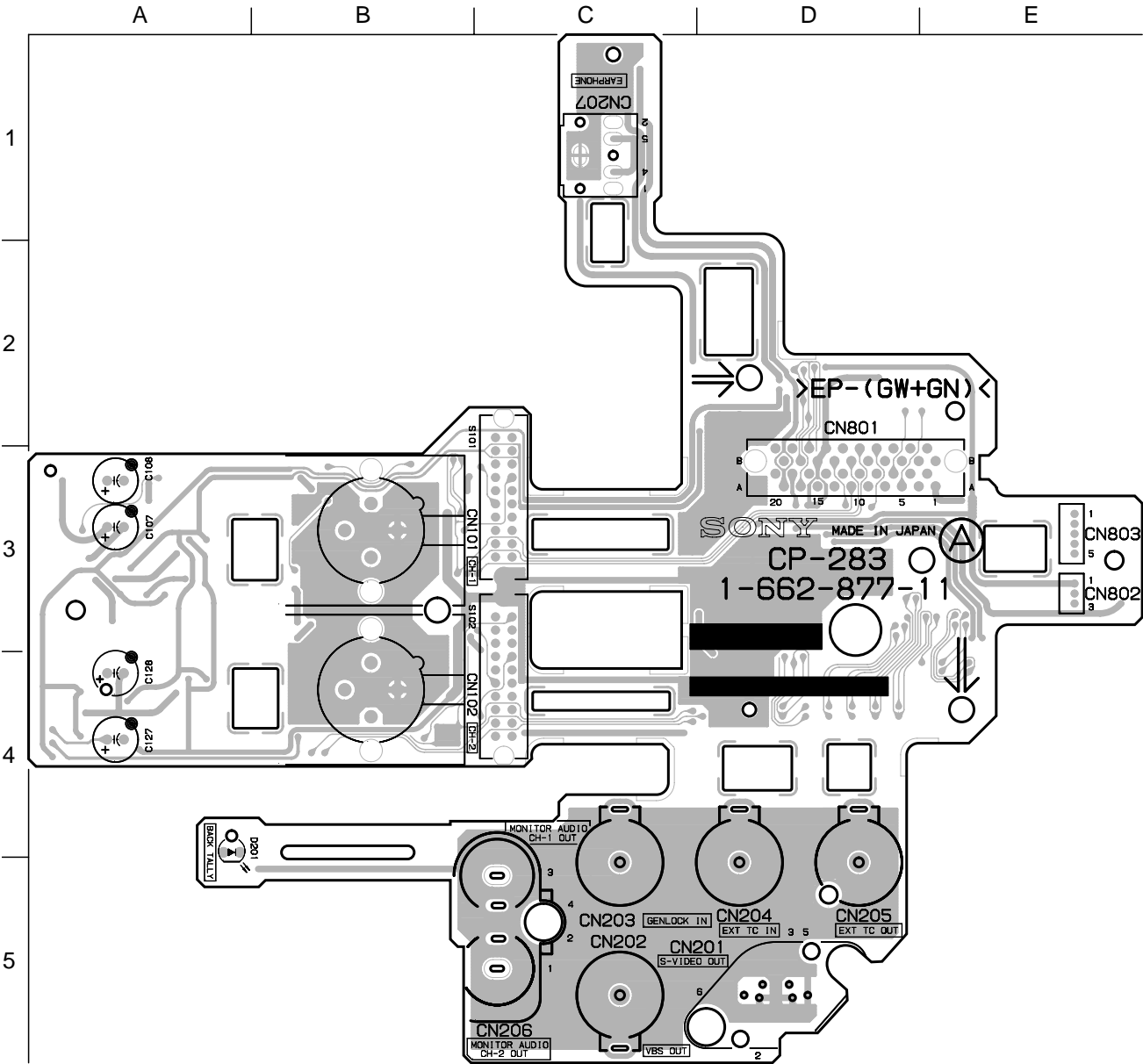
IF-553 -A SIDE-
SUFFIX: -11



IF-631 -A SIDE-
SUFFIX: -11



IF-631 -B SIDE-
SUFFIX: -11

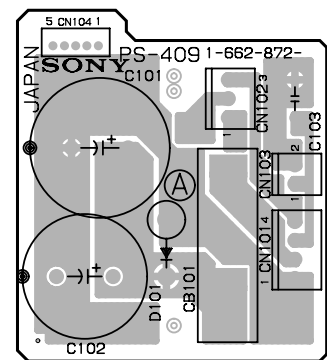


CP-283 -A SIDE-
SUFFIX: -11

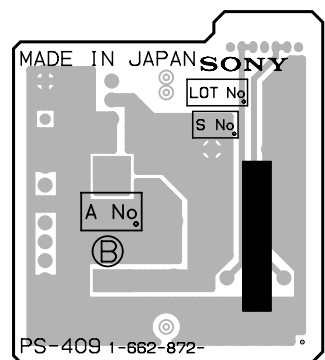
CP-283 -B SIDE-
SUFFIX: -11

CP-283 (1-662-877-11)

CN101	C3	D206	*D4	Q101	*D2
CN102	C3	D207	*D4	Q102	*D2
CN201	D5	D208	*D4	Q103	*D2
CN202	C5	D209	*D4	Q104	*D3
CN203	C4	D210	*D4		
CN204	D4			S101	B3
CN205	D4	FL201	*D5	S102	B3
CN206	C4	FL202	*D5		
CN207	C1	FL203	*C5		
CN801	D2	FL204	*C4		
CN802	E3	FL205	*D4		
CN803	E3	FL206	*D4		
		FL207	*C4		
		FL208	*C5		
D101	*A3				
D102	*A3				
D103	*A4	IC101	*A3		
D104	*A4	IC201	*A4		
D201	A4				
D202	*E3	L101	*B3		
D203	*E3	L102	*A3		
D204	*D3	L103	*B3		
D205	*D4	L104	*A3		



PS-409 -A SIDE-
SUFFIX: -11, 12



PS-409 -B SIDE-
SUFFIX: -11, 12

DSR-1 (J)
DSR-1 (UC)
DSR-1P (CE) J, E
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